

1-19 June 1944
London

FILE NOTATIONS

Entered in N I D File

Entered On S R Sheet

Location Map Pinned

Card Indexed

I W R for State or Fee Land

Checked by Chief

Copy N I D to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed

1/4/79

OW

WW

TA

GW

OS

PA

Location Inspected

Bond released

State of Fee Land

LOGS FILED

Driller's Log

Electric Logs (No.)

E

I

E-I

GP

GR-M

Micro

Lat

Mi-L

Sonic

Other

Dme
1/100/92



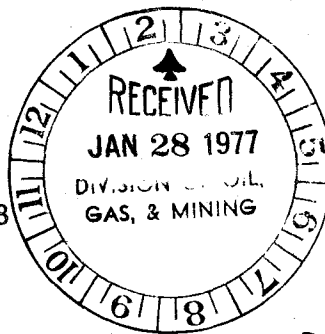
Gas Producing Enterprises, Inc.

A Subsidiary of Coastal States Gas Corporation

2100 PRUDENTIAL PLAZA • P.O. BOX 749 • DENVER, COLORADO 80201 • (303) 572-1121

January 25, 1977

U. S. G. S.
8426 Federal Building
125 South State Street
Salt Lake City, Utah 84138



Gentlemen:

Re: Natural Buttes Unit No. 21
Section 15, T10S, R22E
Uintah County, Utah

Enclosed please find our Application to Drill (in triplicate) together with plat, 12-point program and other pertinent papers.

If any additional information is needed, please advise.

Very truly yours,

G. W. Hunt
District Superintendent

GWH:mjr

Attachments

xc: State of Utah
(in duplicate)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FEDERAL LEASE

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-025187
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR GAS PRODUCING ENTERPRISES, INC.			7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT
3. ADDRESS OF OPERATOR P. O. BOX 749 - DENVER, COLORADO 80201			8. FARM OR LEASE NAME NATURAL BUTTES UNIT
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1021' FNL & 1048' FEL, SECTION 15, T10S, R22E At proposed prod. zone SAME AS ABOVE - PLAT ATTACHED			9. WELL NO. 21
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* APPROX. 20 MILES S.EASTERLY FROM OURAY, UTAH			10. FIELD AND POOL, OR WILDCAT BITTER CREEK FIELD
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1021			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SECTION 15, T10S, R22E
16. NO. OF ACRES IN LEASE 600.00			12. COUNTY OR PARISH UINTAH
17. NO. OF ACRES ASSIGNED TO THIS WELL 640.00			13. STATE UTAH
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A			20. ROTARY OR CABLE TOOLS ROTARY
19. PROPOSED DEPTH 9,300			22. APPROX. DATE WORK WILL START* APRIL 15, 1977
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4,923' UNGR. GR.			

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
18"	13-3/8"	48#	75	150 SX
11"	8-5/8"	24#	2500	650 SX
7-7/8"	4-1/2"	13.5#	9300	±1500 SX (TO BE DETERMINED FROM CALIPER LOG)

SEE ATTACHED SUPPLEMENTS FOR ADDITIONAL INFORMATION

1. 10-POINT PROGRAM
2. BOP SCHEMATIC
3. 12-POINT PROGRAM
4. PLAT
5. PROPOSED GAS WELL PRODUCTION HOOKUP

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: 1-31-77
BY: *Chas B. Smith*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

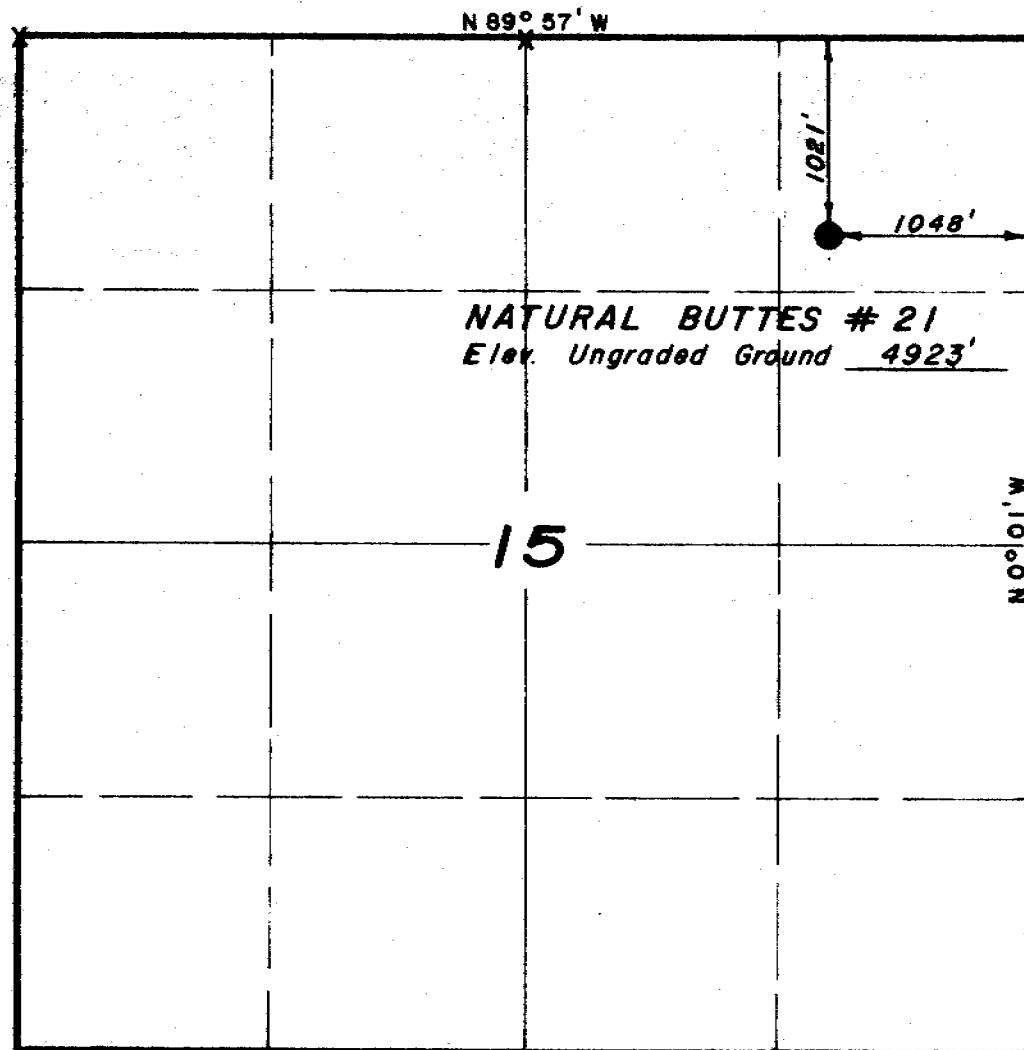
24. SIGNED *J W Hunt* TITLE DISTRICT SUPERINTENDENT DATE JANUARY 25, 1977
G. W. HUNT

(This space for Federal or State office use)

PERMIT NO. 13-047-30255 APPROVAL DATE

APPROVED BY TITLE DATE
CONDITIONS OF APPROVAL, IF ANY:

T10S, R22E, S.L.B. & M.



X = Corners Found & Used.

PROJECT

GAS PRODUCING ENTERPRISES

Well location, **NATURAL BUTTES #21**,
located in the NE 1/4 NE 1/4 Section 15,
T10S, R22E, S.L.B. & M., Uintah
County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Lawrence E. Key
REGISTERED LAND SURVEYOR
REGISTRATION NO. 3137
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 19 January 1977
PARTY R.K., D.B. & D.D.	REFERENCES GLO Plat
WEATHER Cool	FILE Gas Producing Enterprises

NATURAL BUTTES UNIT NO. 21
NE/4 SECTION 15, T10S, R22E
UINTAH COUNTY, UTAH

10-POINT PROGRAM

1. Geologic name of surface formation:
Uinta Formation

2. Estimated tops of important geologic markers:
- | | |
|-------------|------|
| Green River | 2100 |
| Wasatch | 3860 |
| Mesaverde | 6085 |
| Castlegate | 8485 |
| Mancos | 8950 |

3. Estimated depths at which anticipated water, oil, and gas are expected to be encountered:

Wasatch	3860 - Gas
Mesaverde	6085 - Gas
Castlegate	8485 - Gas

4. Proposed casing program, including size, grade, and weight per foot of each string, and whether new or used:

13-3/8" at 75'	48#, H-40, STC	New
8-5/8" at 2,500'	24#, K-55, STC	New
4-1/2" at 9,100'	13.5#, N-80, LTC	New

5. Operator's minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings, and testing procedures and testing frequency.

Bottom:

3000# BOP W/4-1/2" pipe rams
3000# BOP W/blind rams
3000# Hydril

Top: Grant rotating head

Manifold includes appropriate valves, positive and adjustable chokes and kill line, to control abnormal pressures.
BOP's will be tested at installation and will be cycled on each trip.

6. The type and characteristics of the proposed circulating medium to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained:

The well will be drilled with fresh water from surface to 4,500' with a weight of 8.4 to 9.0 ppg. From 4,500' to 9,300', the well will be drilled with salt water mud with a weight from 8.5 to 10.0 ppg.

7. Auxiliary equipment to be used:
 - a. kelly cock
 - b. monitoring equipment on the mud system
 - c. a sub on the floor with a full opening valve to be available to stab into the drill pipe when the kelly is not in the string.

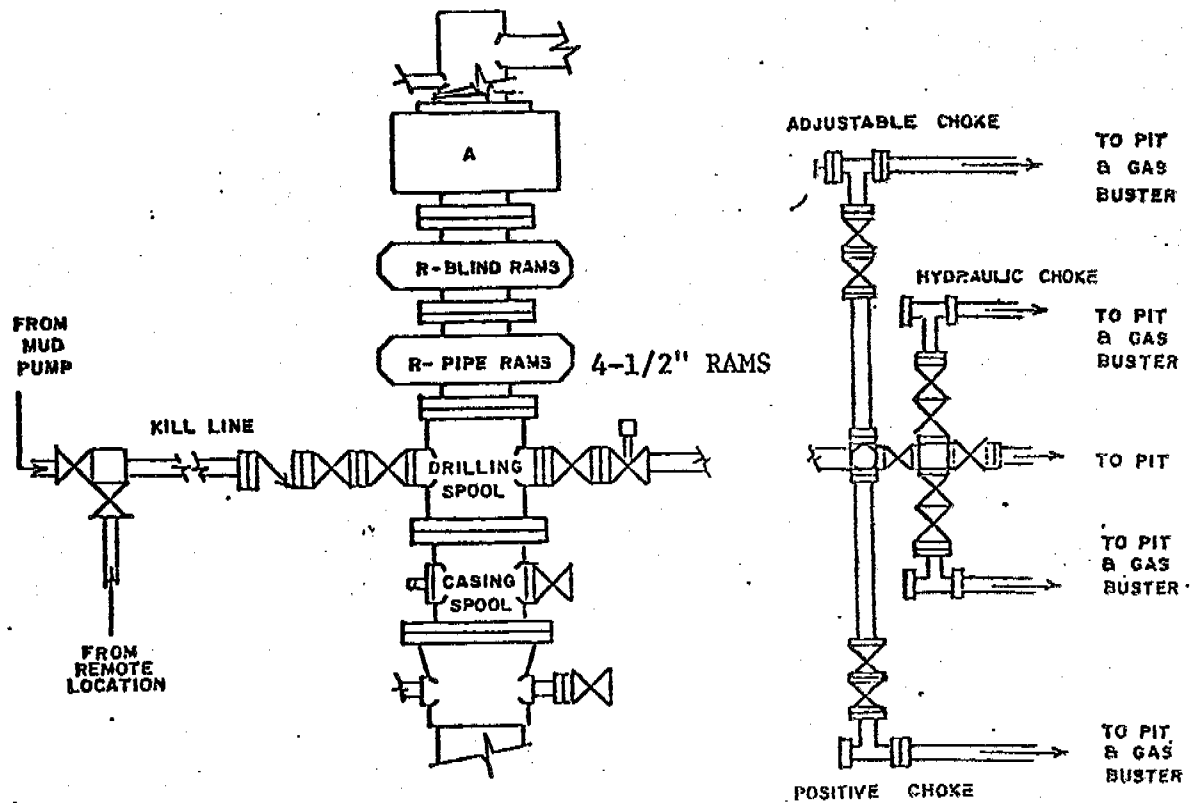
8. Testing, logging and coring program to be followed:
No DST's are planned
No coring is planned
Logs: DIL
GR-Sonic
GR-FDC/CNL

9. Any anticipated abnormal pressures or temperatures expected to be encountered:
No abnormal pressures or temperatures expected
No hydrogen sulfide expected

10. The anticipated starting date and duration of the operation:
Starting Date: April 15, 1977
Duration: Six Weeks

3000 psi

psi Working Pressure BOP's



Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
 - a) inside blowout preventer
 - b) lower kelly cock
 - c) upper kelly cock
 - d) stand pipe valve
 - e) lines to mud pump
 - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.

GAS PRODUCING ENTERPRISES
12 POINT SURFACE USE PLAN
FOR
WELL LOCATION
NATURAL BUTTES #21
LOCATED IN
SECTION 15, T10S, R22E, SLB & M
UINTAH COUNTY, UTAH

1. EXISTING ROADS

See attached Topographic Map "A" - to reach the Gas Producing Enterprises well location, Natural Buttes #21, located in Section 15, T10S, R22E, SLB&M from Vernal, Utah.

Proceed west from Vernal along U.S. Highway 40 to the junction of U.S. Highway 40 and Utah State Highway 209 (Ouray Turn-off). Proceed south along Route 209 to its junction with State Highway 88. Proceed south along 88 to Ouray, Utah; thence proceed south from Ouray 9+ miles to a junction of this road and one proceeding south; thence proceed in a southeasterly direction along the Seep Ridge road 2.3 miles to an intersection with a service road that runs east. Proceed in an easterly direction along this road 10.4 miles to an old dirt landing strip (there are numerous roads that branch off this last described section to the north and south). Then proceed in a southeasterly direction along the landing strip and then in an easterly direction approximately 1.75 miles to an intersection of the road on the west bank of Bitter Creek. Then proceed north along Bitter Creek 2 miles to the aforesaid location.

The last 3.75 mile portion of the road from the landing strip on top of east branch to the location will have to have some earth work done to upgrade them to the standards that will be required to handle the traffic for the drilling and production of this well.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

There will be no new access road construction required to reach this location, however, if it is deemed necessary by the controlling authorities, the existing road might have to be re-routed to the west to miss this location site to facilitate a normal flow of traffic.

The 3.75 mile portion of road mentioned in Item 1 and the aforementioned in this item will be an 18' crown road (9' either side of the proposed road where it is determined necessary in order to handle any run off from any normal meteorological conditions that are prevalent to this area.

The grade of this road will vary from flat to 8%, but will not exceed this amount. The road will be constructed from native borrow accumulated during construction.

The terrain that is traversed by the portion of the road leaving the bends and coming down the canyon to the bottom of Bitter Creek is steep and narrow and the portion that follows the bottom of Bitter Creek is relatively flat and is vegetated with sagebrush, rabbitbrush, tamarack, and sparse amounts of grasses.

3. LOCATION OF EXISTING WELLS

As shown on Topographic Map "B", there are no other wells within a one mile radius of the proposed well site. (See location plat for placement of Gas Producing Enterprises well location within the section.)

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

All petroleum production facilities are to be contained within the proposed location site. There are no other Gas Producing Enterprises flow, gathering, injection, or disposal lines within a one-mile radius of this location.

In the event production is established, plans for a gas flow line from this location to existing gathering line or a main production line shall be submitted to the appropriate agencies for approval.

5. LOCATION AND TYPE OF WATER SUPPLY

Water used to drill this well is to be pumped from a flowing well, 5 miles to the west and from the location site 2 miles south.

In the event water is not available from this well, it would require that the water be hauled from the White River for a distance of 1.5 miles if hauled up Bitter Creek.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time.

7. METHODS FOR HANDLING WASTE DISPOSAL

A reserve and burn pit shall be constructed, and at least half of the depth of the reserve pit shall be below the existing ground surface. All trash and flammable materials will be burned in the burn pit. Non-flammable materials such as cuttings, salts, chemicals, etc. will be buried in the reserve pit and covered with a minimum of four feet of earth material. Prior to the onset of drilling, the burn pit will be fenced on all four sides with net wire, and the reserve pit will be fenced on three sides. Upon completion of drilling, the fourth side of the reserve pit will be fenced and allowed to dry completely before back-filling and reclamation are attempted. A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached location layout plat. The Bureau of Land Management District Manager or other appropriate agencies shall be notified before any construction begins on the proposed location site. When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF THE SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item No. 9.) When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in trash pit shall be buried with a minimum of 5' of cover. The reserve pit will be completely fenced and allowed to dry before covering. When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items No. 7 and 10.

11. OTHER INFORMATION

The topography of the area slopes from the rim of the Book Cliff Mountains to the south to the White River to the north. The area is interlaced with numerous canyons and ridges which are extremely steep, with numerous ledges formed in sandstones, conglomerates, and shale deposits.

The soils of this semi-arid area are of the Uinta Formation and Duchesne River Formation (the Fluvial Sandstone and Mudstone) from the Eocene Epoch and Quaternary Epoch (gravel surfaces). It consists of light brownish-gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The top soils in the area range from sandy clay (SM-ML) type soil to a clayey (OL) type soil.

The majority of the numerous washes and streams in the area are of a non-perennial nature, flowing during the early spring run-off, and extremely heavy rain storms of long duration, which are extremely rare as the normal annual rainfall in the area is only 8".

Due to the low precipitation average, climate conditions, and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations, it consists of, as primary flora, areas of sagebrush, rabbit brush, some grasses, and cacti, and large areas of bare soils devoid of any growth.

The fauna of the area consists predominantly of mule deer, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing sheep.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The well location is setting in the bottom of a canyon that is formed by Bitter Creek, which is a tributary to the White River 1.5 miles to the north.

OTHER INFORMATION (Continued)

The bottom of the canyon is relatively flat and slopes from the canyon walls to the creek bottom through the location site at approximately a 2% grade to the northeast.

The area is vegetated with some tamarack, sagebrush, rabbitbrush, grasses, and cacti.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B".)

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

G. W. HUNT
P.O. Box 749
Denver, Colorado 80201

Bus. Phone (303) 572-1121

CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Gas Producing Enterprises, and its contractors and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

January 25, 1977

DATE

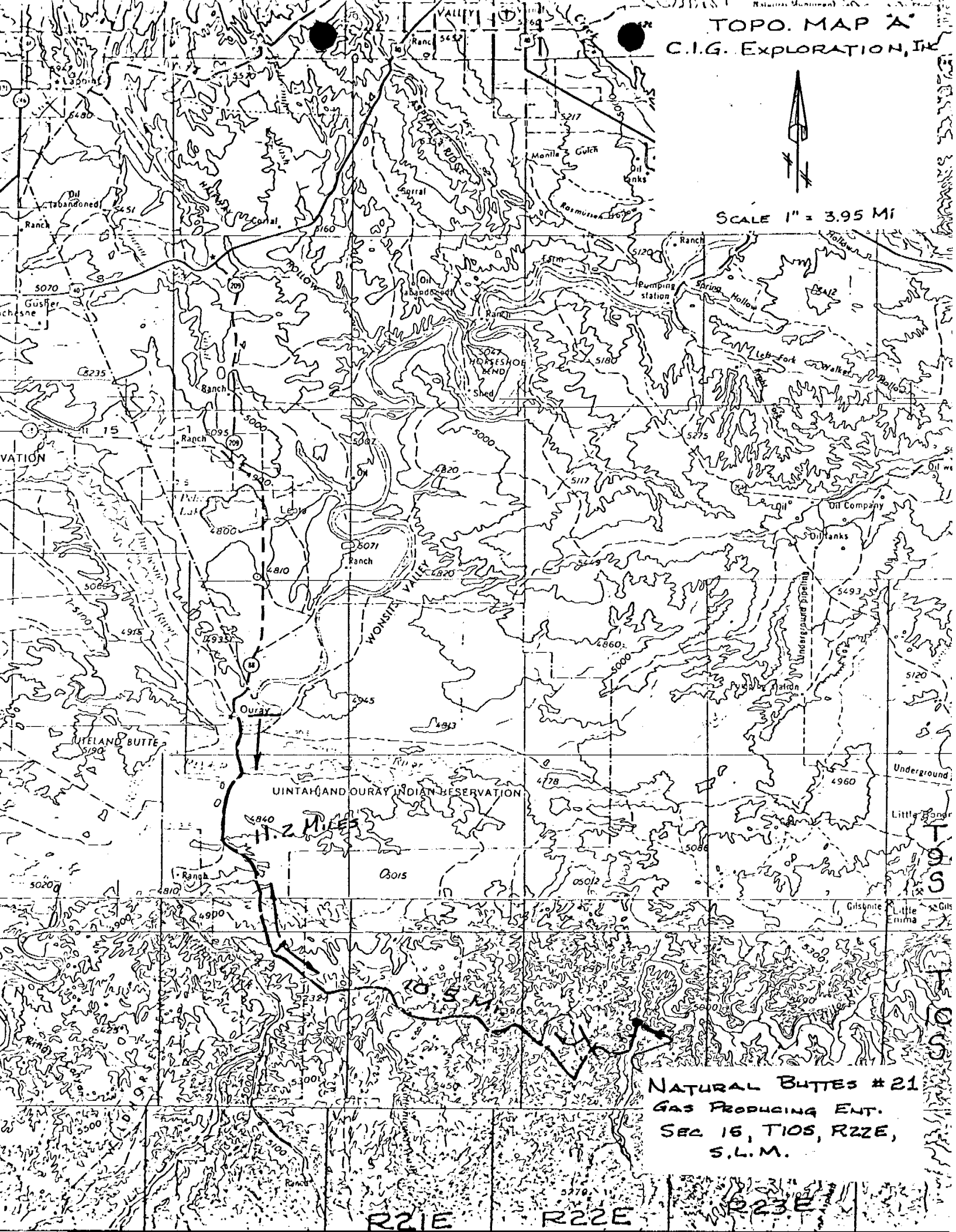
G. W. Hunt

G. W. HUNT
District Superintendent

TOPO. MAP 'A'
C.I.G. EXPLORATION, INC.



SCALE 1" = 3.95 MI



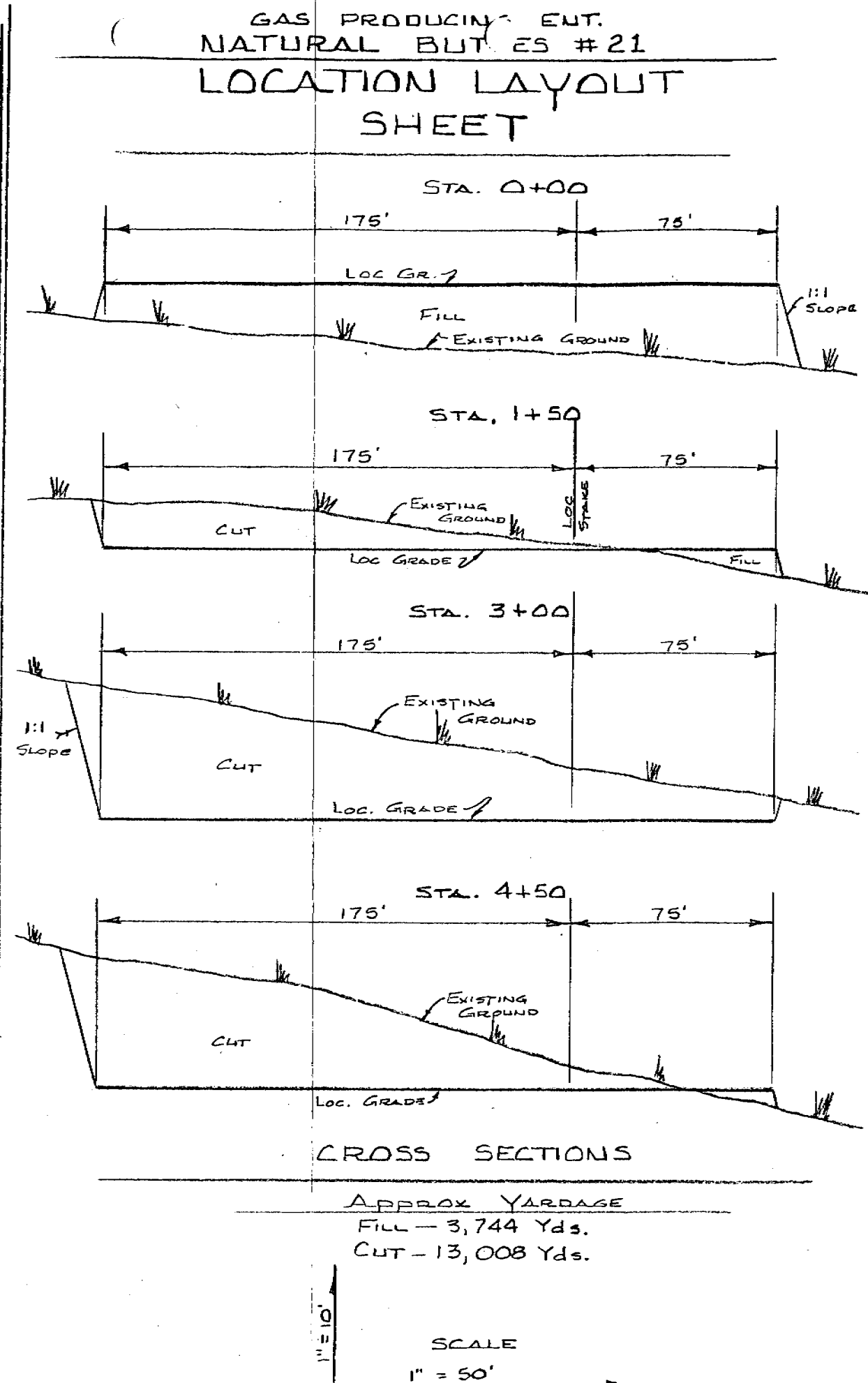
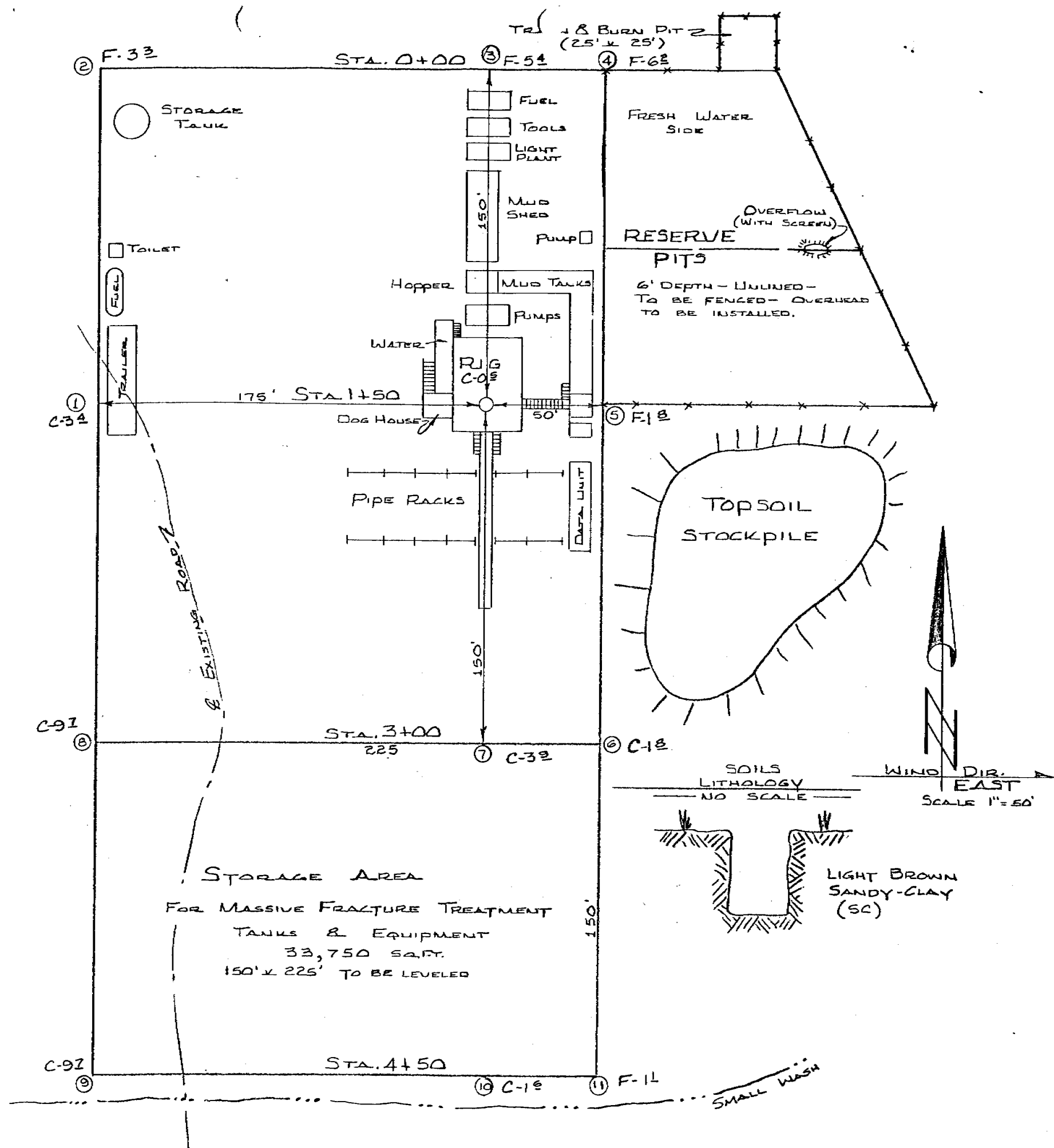
NATURAL BUTTES #21
GAS PRODUCING ENT.
SEC 16, T10S, R22E,
S.L.M.

R21E

R22E

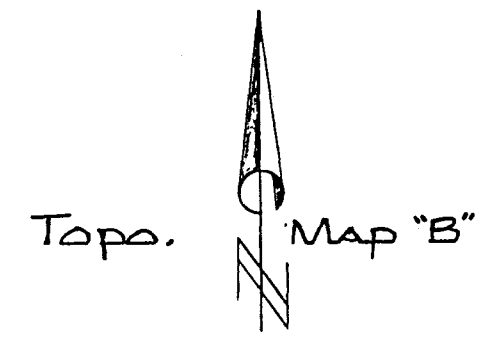
R23E

T9S
T10S



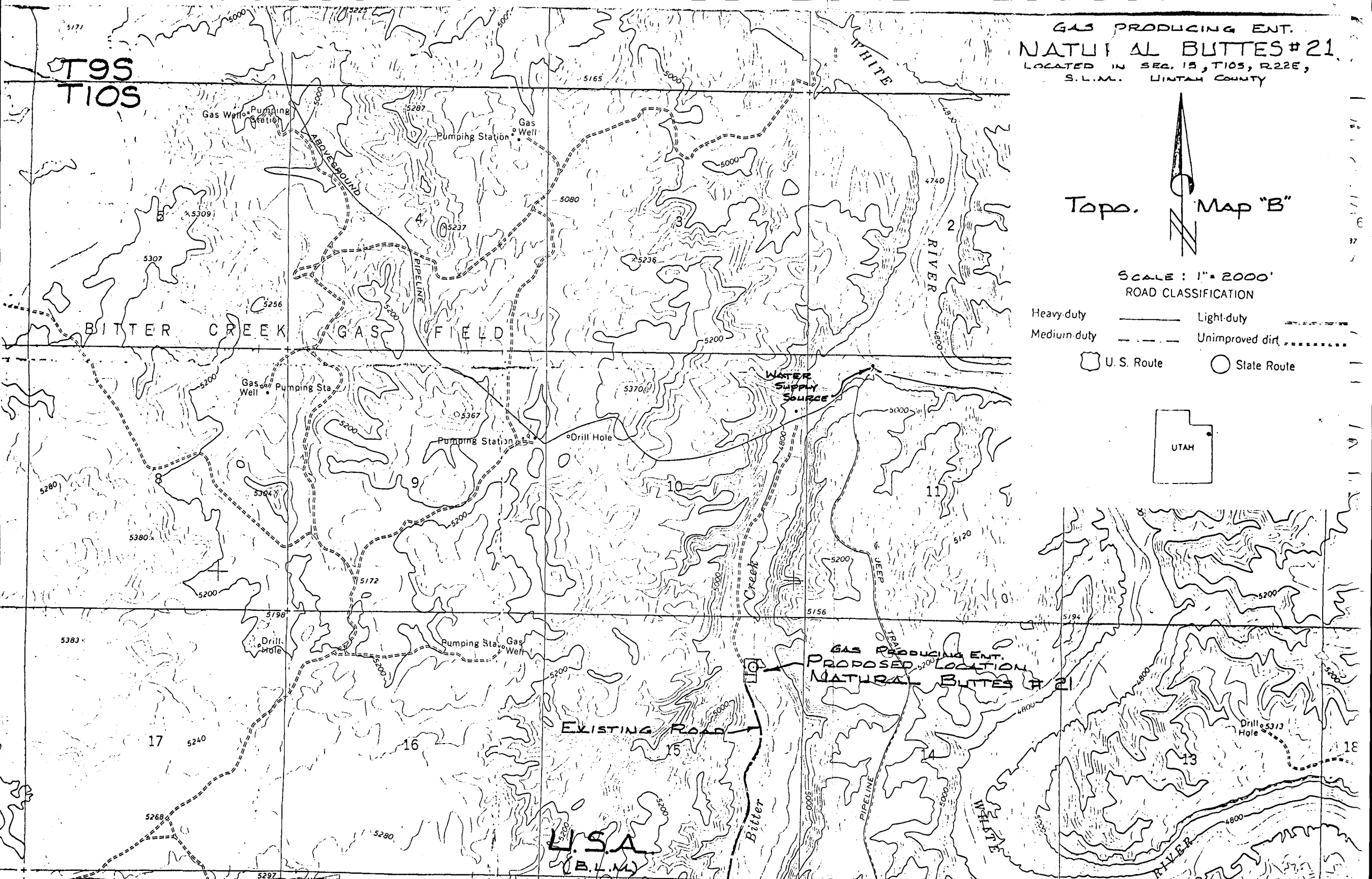
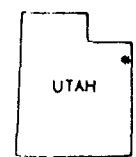
T9S
T10S

GAS PRODUCING ENT.
NATURAL BUTTES #21
LOCATED IN SEC. 15, T10S, R22E,
S.L.M. UTAH COUNTY



SCALE: 1" = 2000'
ROAD CLASSIFICATION

- | | | | |
|-------------|-----------|-----------------|-----------|
| Heavy-duty | ————— | Light-duty | - - - - - |
| Medium-duty | - - - - - | Unimproved dirt | |
| U.S. Route | | State Route | |





DURAY, UT
21.7 MILES

EXISTING ROAD

Landing Strips

NEED SOME UPBROCK

Oil Well

Creek

BEN CH

T106
T115

R22E
R23E

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: Jan. 28-
Operator: Gas Producing Enterprises
Well No. Natural Butte Unit #21
Location: Sec. 15 T. 10S R. 22E, County: Uinta

File Prepared

☒

Entered on N.I.D.

☒

Card Indexed

☒

Completion Sheet

☒

Checked By:

Administrative Assistant: [Signature]

Remarks: Unit Well

Petroleum Engineer: OK Po

Remarks:

Director: [Signature]

Remarks:

Include Within Approval Letter:

Bond Required ☐

Survey Plat Required ☐

Order No. ☐

Surface Casing Change ☐
to ☐

Rule C-3(c), Topographical exception/company owns or controls acreage
within a 660' radius of proposed site ☐

O.K. Rule C-3 ☐

O.K. In

Natural Butte

Unit

☒

Other:

[Signature]
Approved

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(Other instructions on reverse side)

Budget Bureau No. 42-R1425.

FEDERAL LEASE

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.
U-025187

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
NATURAL BUTTES UNIT

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11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
SECTION 15, T10S, R22E

12. COUNTY OR PARISH
UINTAH

13. STATE
UTAH

14. APPROX. DATE WORK WILL START*
APRIL 15, 1977

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR
GAS PRODUCING ENTERPRISES, INC.

3. ADDRESS OF OPERATOR
P. O. BOX 749 - DENVER, COLORADO 80201

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At surface
1021' FNL & 1048' FEL, SECTION 15, T10S, R22E
At proposed prod. zone
SAME AS ABOVE - PLAT ATTACHED

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APPROX. 20 MILES S.EASTERLY FROM OURAY, UTAH

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
1021

16. NO. OF ACRES IN LEASE
600.00

17. NO. OF ACRES ASSIGNED TO THIS WELL
640.00

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
N/A

19. PROPOSED DEPTH
9,300

20. ROTARY OR CABLE TOOLS
ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4,923' UNGR. GR.

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SIGNED G. W. HUNT TITLE DISTRICT SUPERINTENDENT DATE JANUARY 25, 1977

(This space for Federal or State office use)

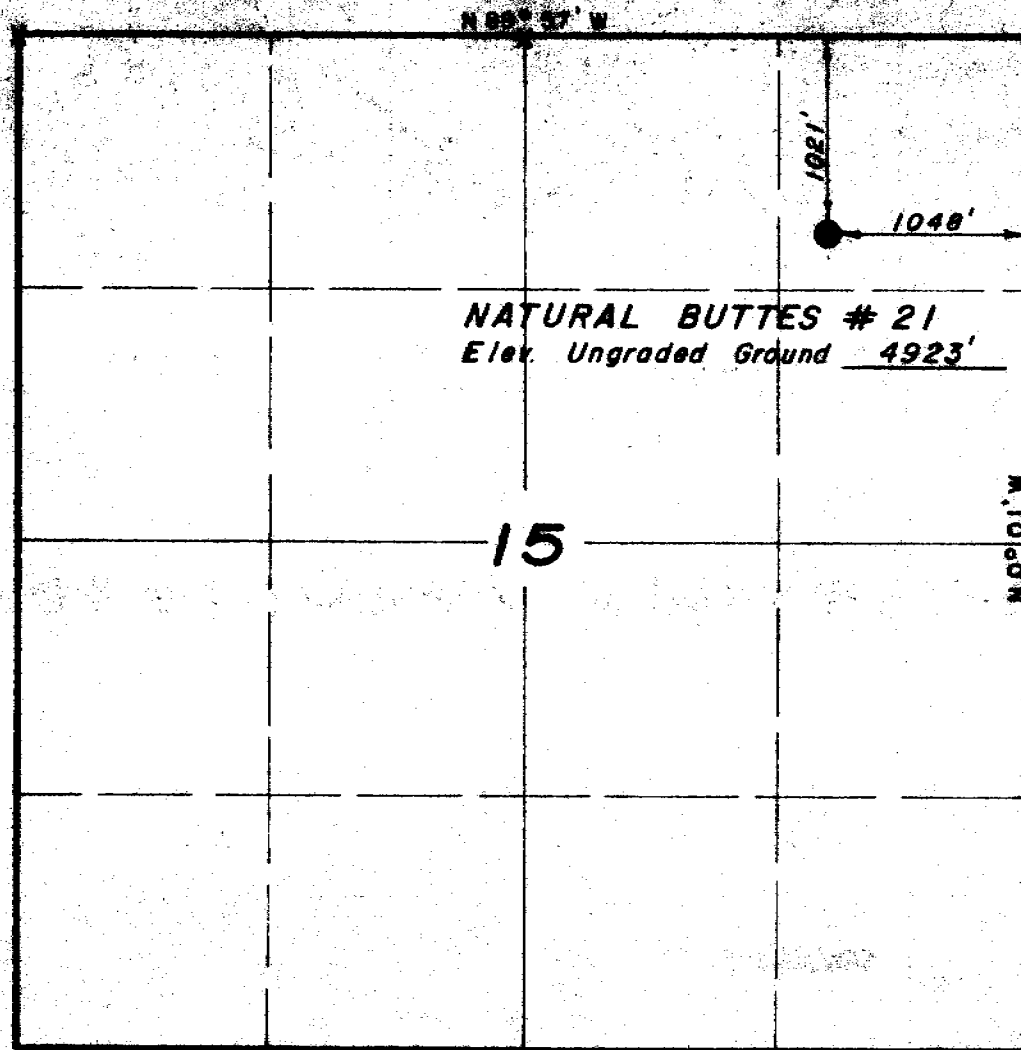
PERMIT NO. _____ APPROVAL DATE _____

APPROVED (ORIG. SGD.) E. W. GUYNN TITLE DISTRICT ENGINEER DATE FEBRUARY 1977

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

T10S, R22E, S.L.B. & M.



X = Corners Found & Used.

PROJECT

GAS PRODUCING ENTERPRISES

Well location, **NATURAL BUTTES # 21**
located in the NE 1/4 NE 1/4 Section 15,
T10S, R22E, S.L.B. & M., Uintah
County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
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SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Lawrence C. [Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO. 5137
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 19 January 1977
PARTY R.K., D.B. & D.D.	REFERENCES GLO Plat
WEATHER Cool	FILE Gas Producing Enterprises

<input type="radio"/>	ENHANCES
<input type="checkbox"/>	NO IMPACT
<input type="checkbox"/>	MINOR IMPACT
<input checked="" type="checkbox"/>	MAJOR IMPACT

	Construction	Pollution	Drilling Production	Transport Operations	Accidents	Other
Roads, bridges, airports Transmission lines, pipelines Dams & impoundments Others (pump stations, compressor stations, etc.) Burning, noise, junk disposal Liquid effluent discharge Subsurface disposal Others (toxic gases, noxious gas, etc.) Well drilling Fluid removal (Prod wells, facilities) Secondary Recovery Noise or obstruction of scenic views Mineral processing (ext. facilities) Others Trucks Pipelines Others Spills and leaks Operational failure						
Fishery NA	/	/ /	/	/	/	/
Grazing L O	/	/ /	/	/	/	/
Wilderness WA						
Agriculture MA						
Residential-Commercial MA						
Mineral Extraction WA						
Recreation L O	/	/ /	/	/	/	/
Scenic Views -	/	/ /	/	/	/	/
Parks, Reserves, Monuments WA						
Historical Sites WA						
Unique Physical Features WA						
Birds L	/	/ /	/	/	/	/
Land Animals L	/	/ /	/	/	/	/
Fish WA						
Endangered Species NONE KNOWN						
Trees, Grass, Etc. L	/	/ /		/	/	/
Surface Water N/A						
Underground Water ?						
Air Quality L	/	/ *	/	/	/	/
Erosion L	/	/		/	/	/
Other						
Effect On Local Economy	L O	O	O	O		
Safety & Health L		/ /	/	/	/	/
Others Orig - free cc Reg Dammer BLM - Steven Utah SOG M ✓						

Lease

U-025187

Well No. & Location

#21 Sec 15 - 10s - 22E

Uintah County Utah -

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

Gas Producing Enterprises,

PROPOSES TO DRILL AN OIL AND GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 9300 FT. TD. 2) TO CONSTRUCT A

DRILL PAD 300 FT. X 225 FT. AND A RESERVE PIT 100 FT. X 100 FT.

3) TO ~~CONSTRUCT~~ ~~FT. X~~ ~~1000~~ ~~FEET~~ ~~ACCESS ROAD~~ ~~UPGRADE~~ 18 FT.

X 3.75 MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD. All Production

Facilities are to be contained within the proposed location site. Plans for a GAS Flowline will be submitted upon Successful Completion.

2. Location and Natural Setting (existing environmental situation)

SEE ITEM # 11 of multiple point surface use plan.

3. Effects on Environment by Proposed Action (potential impact)

1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNITS AND SUPPORT TRAFFIC ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND SURFACE DISTURBANCE.

4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK.

5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM.

6)

4. Alternatives to the Proposed Action

1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS.

3) *No nearby locations could be found that would justify this action.*

5. Adverse Environmental Effects Which Cannot Be Avoided

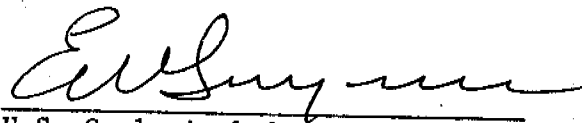
- 1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM RIG ENGINES AND SUPPORT TRAFFIC ENGINES.
- 2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.
- 3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.
- 4) TEMPORARY DISTURBANCE OF LIVESTOCK.
- 5) MINOR AND SHORT-TERM VISUAL IMPACTS.
- 6)

6. Determination

(This requested action (~~does~~) (does not) constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2) (c).

Date Inspected 2-15-77

Inspector 

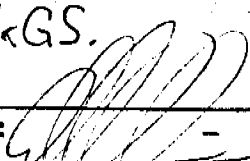


U.S. Geological Survey,
Conservation Division
Salt Lake City District
Salt Lake City, Utah

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
Gas Producing Natural Buttes Enterprises #2 Unit	1021' FNL, 1048' FEL elev 4923' Gr Sec. 15, T10S, R22E SW, Uintah Co, Utah	4025187
<p>1. Stratigraphy and Potential Oil and Gas Horizons. Tops: Surface Uinta; 2100 Green River; 3860 Wasatch, 6085 Mesaverde; 8485 Castlegate; 8950 Mancos; gas from Wasatch, Mesaverde and Castlegate.</p> <p>2. Fresh Water Sands. possible to base of Green River, lenticular</p> <p>3. Other Mineral Bearing Formations. prospectively valuable for gilsonite. (Coal, Oil Shale, Potash, Etc.) Oil shale in Evacuation and Parachute Creek members of the Green River Formation. Coal in Mesaverde (too deep to be valuable?)</p> <p>4. Possible Lost Circulation Zones. some sands in Uinta and Green River</p> <p>5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. Unknown</p> <p>6. Possible Abnormal Pressure Zones and Temperature Gradients. none expected</p> <p>7. Competency of Beds at Proposed Casing Setting Points. unknown</p> <p>8. Additional Logs or Samples Needed. none</p> <p>9. References and Remarks within Bitter Creek LGS.</p>		
Date: 2-10-77		Signed: 

Don M. - Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug or to change a different reservoir.
Use "APPLICATION FOR PERMIT" for such purposes.)

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR
GAS PRODUCING ENTERPRISES, INC.

3. ADDRESS OF OPERATOR
P. O. BOX 749 - DENVER, COLORADO

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
1021' FNL & 1048' FEL, SECTION 15, T10S, R22E



5. LEASE DESIGNATION AND SERIAL NO.
U-025187

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME
NATURAL BUTTES UNIT

9. WELL NO.
21

10. FIELD AND POOL, OR WILDCAT
BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SECTION 15, T10S, R22E

12. COUNTY OR PARISH
UINTAH

13. STATE
UTAH

14. PERMIT NO.
43-047-30255

15. ELEVATIONS (Show whether OF, AT, OR, etc.)
4,923' UNGR. GR.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Other) SEE BELOW ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

1. 9-5/8", 36.0#, K-55, ST&C casing will be run cemented with 300 sacks of cement. This will give 500'+ of fill + 100% excess. (Approximately 1,000' + fill, assuming gauge 12-1/4" hole.)

This meets State and U. S. G. S. regulations.

2. Production string is to be changed to 5-1/2", 20#, N-80, LT&C, 8rd from 4-1/2", 13.5#, N-80, LT&C, and will be set in an 8-3/4" hole.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: April 15, 1977

BY: R. C. Merrill

18. I hereby certify that the foregoing is true and correct

SIGNED: Robert C. Merrill

TITLE: Area Engineer

DATE: April 12, 1977

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

DESIGNATION OF AGENT

Supervisor, Oil and Gas Operations:

The undersigned is, on the records of the Geological Survey, Unit Operator under the Natural Buttes unit agreement, Uintah County, Utah (state), No. 14-08-0001-8900 approved January 5, 1968 and hereby designated:

NAME: CIG Exploration, Inc.

ADDRESS: P. O. Box 749, Denver, Colorado 80201

as its agent, with full authority to act in its behalf in complying with the terms of the Unit Agreement and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to drilling, testing, and completing unit well No. NBU-21 in Section 15 : NE/4, T. 10S, R. 22E, Uintah County, Utah.

It is understood that this designation of agent does not relieve the Unit Operator of responsibility for compliance with the terms of the unit agreement and the Oil and Gas Operating Regulations. It is also understood that this designation of agent does not constitute an assignment of any interest under the unit agreement or any lease committed thereto.

In case of default on the part of the designated agent, the Unit Operator will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The Unit Operator agrees promptly to notify the oil and gas supervisor of any change in the designated agent.

This designation of agent is deemed to be temporary and in no manner a permanent arrangement.

This designation is given only to enable the agent herein designated to drill the above-specified unit well. Unless sooner terminated, this designation shall terminate when there is filed in the appropriate district office of the U.S. Geological Survey a completed file of all required Federal reports pertaining to subject well. It is also understood that this designation of agent is limited to field operations and does not cover administrative actions requiring specific authorization of the Unit Operator.

GAS PRODUCING ENTERPRISES, INC.

Unit Operator

July 7, 1977

By: 

Vice President

APPROVED
LAND DEPT.
BY NRM



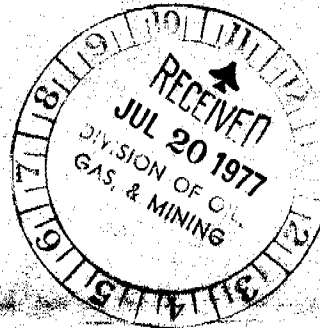
CIG Exploration, Inc.

A Subsidiary of Coastal States Gas Corporation

2100 PRUDENTIAL PLAZA • P.O. BOX 749 • DENVER, COLORADO 80201 • (303) 573-1121

9

July 18, 1977



U. S. G. S.
8426 Federal Building
125 South State Street
Salt Lake City, Utah 84138

Gentlemen:

Re: Section 15. T10S. R22E
Uintah County, Utah

Enclosed please find three copies of Sundry Notice pertaining to name change and operator change, together with Designation of Agent, in conjunction with the above location.

Very truly yours,

Maggie Dominy

Maggie Dominy
Production Secretary

d/

Attachments

xc: State of Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYForm approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

U-025187

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES UNIT

9. WELL NO.

21

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SECTION 15, T10S, R22E

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

GAS PRODUCING ENTERPRISES, INC.

3. ADDRESS OF OPERATOR

P. O. BOX 749 - DENVER, COLORADO

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

1021' FNL & 1048' FEL, SECTION 15, T10S, R22E

14. PERMIT NO.

43-047-30255

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4,923' UNGR. GR.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) OPERATOR & NAME CHANGE ☒PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) OPERATOR & NAME CHANGE ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

PERMISSION IS REQUESTED TO CHANGE OPERATOR TO: CIG EXPLORATION, INC.
(SAME ADDRESS)AND TO CHANGE NAME OF WELL TO: CIG 21-15-10-22
(SAME LOCATION)

18. I hereby certify that the foregoing is true and correct

SIGNED

ROBERT G. MERRILL

TITLE AREA ENGINEER

DATE JULY 18, 1977

(This space for Federal or State office use).

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

CIGE 21-15-10-22 (NBU)
 Bitter Creek Field
 Uintah County, Utah
 AFE: 19355 WI: 100%
 ATD: 8800' SD: 4-9-77
 CIGE, Oper.
 Anderson Drilling, Contr.
 13-3/8" @ 89', 9-5/8" @ 2531'

TD: 8788' TIH w/bit to cond. mud -- prep to run csg.
11-15-77 Logging w/Dresser; Finished logging: Run #5: Spectralog,
 Run #6: DD>NNL, Run #7: Dip Log & FIL; TIH w/bit to cond
 mud. Prep to run csg. Dowell has all cement on location.
 1665 sx RFC; 2000 sx POZ.

MW 12.6#, 45 secs, 12 cc.

TD: 8788'
11-16-77 Running 5-1/2" csg. TIH w/bit; Cond mud; RU & LD DP & DC;
 RU Parish casing tools; Running csg 5-1/2" 20# N-80, Rg.-3,
 LT & C; PU approx. 6000'.

MW 12.7#, 46 secs, 12.4 cc.

PBTD: 8742' Released rig @ 6:00 a.m. 11-17-77 -- WOC. Run
 TD: 8788' 5-1/2" csg 209 jts 20#, N-80, Rg. 3 LT & C w/float shoe
11-17-77 @ 8788' and FC @ 8742'; Centralizers 15' above shoe and
 every 3rd jt for a total of 40 centralizers; Circ;
 Cementing w/Dowell; Pumped 15 bbls. CW-100 followed
 w/2000 sx 50-50 POZ w/6% Gel-18% salt -- 0.5 D 45 TIC --
 5#/sx Gilsonite followed w/1670 sx RFC 10% D 53 w/5#/sx
 Gilsonite; Displace plug w/2% KCl wtr; Bumped plug w/4000
 psi @ 2:00 p.m. 11-16-77; Plug held ok; Circ cement w/500
 sx RFC to mix; Lost all returns on full plug displacement;
 Set slips (total wt was 170,000#).

NOTE: Filled annulus w/15 bbls mud prior to setting slips.
 Fluid level in annulus dropping slowly.

ND BOP: Cutt off 5-1/2" csg; ND & set out BOP and install
 tbg head; Clean mud tanks; Rig released @ 6:00 a.m.
 11-17-77.

NOTE: Cement Wts: POZ 13.9#/gal -- 1.64 ft³/sx; Volume
 584 bbls.
 RFC 14.2#/gal -- 1.62 ft³/sx; Volume
 481 bbls.

MW 12.6#, 46 secs.

PBTD: 8742'
 TD: 8788'
11-18-77 RD rotary tools.

PBTD: 8742'
 TD: 8788'
 11-19-77 WOC; RD RT; WOC

PBTD: 8742'
 TD: 8788'
 11-20-77 WOC

PBTD: 8742' 11-21-77 (Report omitted in error) WOC.
 TD: 8788'

(Transfer to back page)

CIGE 21-15-10-22 (NBU)
Bitter Creek Field
Uintah County, Utah
AFE: 19355 WI: 100%
ATD: 8800' SD: 4-9-77
CIGE, Oper.
Anderson Drilling, Contr.
13-3/8" @ 89', 9-5/8" @ 2531'

TD: 8788'
11-12-77 Circ. out gas & cond. hole.
Logging w/Schlumberger; DLL, MSL, CNL-FDC, BHC-SONIC-GR, long
spaced sonic & 4 arm Dipmeter FIL (Caliper was off); Cut
drilling line; TIH; Stop in 8788.43'; Circ. out gas & Cond. mud
MW 12.6#, 46 sec.

TD: 8788'
11-13-77 Log w/DA. Circ out gas; 700 A; RU log/w Dresser;
(1) DLL; (2) CNL, EDC caliper; (3) 1.
MW 12.7#, 44 secs, 12 cc.

TD: 8788'
11-14-77 Logging w/Dresser. Logging:
Run #3 -- Micro-lateral
Run #4 -- BHC-Ac w/caliper and GR
Run #5 -- Spectralog
Dowell has RFC cement on location.
MW 12.6#, 42 secs, 12 cc.

CIGE 21-15-10-22 (NBU)

Bitter Creek Field

Uintah County, Utah

AFE: 14716 WI: 100%

ATD: 8800' SD: 4-9-77

CIGE, Oper.

13-3/8" @ 89'; 9-5/8" @ 2531'

TD: 3562' Coring #14. Coring; TOH; Dump core; LD core;
 11-5-77 LD core Bbl & monel DC; PU BH -- DC & bit -- TIH;
 TOH LD BH-DC; PU core Bbl & monel DC & Eastman
 tools; TIH well kicking; Cir gas out; Coring.

MW 11.5#, 37 secs, 13.2 cc.

TD: 8557' CORING #14. (35' - 23 hrs).
 11-6-77 Coring; Conn - had to work down.
 Conn gas 80 un.
 BGG 30 - 50 un.

MW 12.5#, 39 secs, 10.2 cc.

TD: 8592' Drilling (35' - 10-1/4 hrs). (7' coring, 28' Drilling).
 11-7-77 Coring #14. Cut 57.3'; Made full recovery. Core #14, 8507.4' -
 8564.7'; Sand intervals @ 8534.2' - 38', 8548.8' - 49.6', 8553.8'
 - 54.8'. (Total sand 5.6'); Circ.; TOOH; LD jars, Monel collar
 & 2 Stabilizers; Dump core #14. LD Core Barrel & check BOP's.
 PU bit #8 & checking rot. head.; TIH w/bit #8; Wash to btm;
 Drilling; Circ out gas - 2400 un.

MW 12.7#, 47 secs, 15 cc.

TD: 8697' Drilling (105' - 23-3/4 hrs); Drilling; Rig Service;
 11-8-77 Drilling; BGG 5 un; Connection 20 un.

MW 12.6#, 46 secs, 12.8 cc.

TD: 8762' Drilling (65' - 24 hrs). Drilling; Rig service BOP
 11-9-77 check; Drilling.

MW 12.7#, 45 secs, 10.2cc.

TD: 8800' TOOH to log. Drilling (38' - 15 1/2 hrs). Rig service &
 11-10-77 clean mud pit; circ to log; TOOH; Schlumberger on
 location.

MW 12.7#, 44secs, 10.4cc.

TD: Logging w/Schlumberger. RU Schlumberger;

8800' Run #1 -- DLL and Micro SFL

11-11-77 Run #2 -- FDC - CNL w/caliper

Run #3 -- BHC Sonic w/GR

Run #4 -- Long spaced sonic

Driller TD 8800'; SLM TD 8791.6'; Log TD 8788'; Released
 mud logging unit 11-10-77; 5 1/2" csg on location.

MW 12.6, 44 secs.

See pg. 10A for "1/12, 1/13 + 1/14

CIGE 21-15-10-22 (NBU)
Bitter Creek Field
Uintah County, Utah
AFE: 14716 WI: 100%
ATD: 8800' SD: 4-9-77
CIGE, Oper.
13-3/8" @ 89'; 9-5/8" @ 2531

PAGE 9 - 1977

TD: 8435' Mix Mud & Barite to kill well.
10-31-77 PU Core Bbl, Monel, Jars 2-Stab. & Eastman; Cut drilling line
TIH; Wash & Ream 8392' - 8422' (Last 15' slow). Coring Core #11
from 8422' - 8435'. Well started flowing. ISIP-
175 psi, 3/4 hrs SIP, 430 psi. Circ. thru choke. Mix bar to
kill well. 150 psi on ck at beginning, now holding - only 50 psi.
(Rotating head will not hold, & they are looking for parts to
fix same). Will need degasser, 400 un after Gas Buster, 2500
un before Gas Buster.

MW 10.3#, 32 secs, 7.6 cc.

11-1-77 Circ & cond hole @ 8400'
Circ. build mud wt & vis. Start coring. Bit plgd - attempt to
unplug same; TOOH w/wet string. Mud @ 10.5 in - 10.4 out.
Well started flowing. Stood core tools in derrick; TIH w/bit
& bit sub.; Circ out gas. Build mud wt & vis.

MW 10.8#, 36 secs, 8 cc.

TD: 8446'
11-2-77 Coring core #12 (11' - 5 hrs)
Circ & cond mud & unplug suction on pump #2.
TOOH w/bit to core; Pump repair; Change rotating head;
Dump core - full recovery of core #11. Cut 13.4';
Rec. 14'. 8422' - 8432.4' shale; 8432.4' - 8436' sand;
lt. gry, vry slty, thin shale streaks. Unplug monel
collar & core barrel; R'U Eastman & core barrel; TIH to
core #12; Wash to bottom; Coring from 8436' on core #12;
Trip Gas: 2560 un, BGG 120 un.

MW 10.9#, 34 secs, 10.8 cc.

TD: 8466'
11-3-77 TIH w/core BBL for core #13 (20' - 11-3/4 hrs)
Coring 2000un BGG; circ & cond mud build wt; Pump
repair; TOOH w/core; LD jar & monel; LD core, full
31' rec 8435' - 8466'; reload Eastman tools; TIH for
core #13; Trip - 225un.

<u>Sand intervals:</u>	8435.4 - 8438.0'	-	2.6'
	8439.2 - 8441.6'	-	2.4'
	8442.5 - 8448.3'	-	5.8'
	8463.7 - 8464.7'	-	1.0'
	Total Sand		11.8'

MW 11.0#, 37 secs, 12.5cc.

TD: 8507'
11-4-77 TOOH w/core. TIH & inst rot head; wash to btm;
circ out gas; coring #13, 8466' to 8507'; Circ;
TOOH w/core #13; BGG - 150 to 300 un; Trip - 2500 to
3000 un.

MW 11.2#, 34 secs, 10.4cc.

TD: 7526' Coring from 7495' (#10 Core). (31' - 11-3/4 hrs)
 10-24-77 TOOH w/Core #9; Cut 43'; Recovered 43'; LD; Core w/7' sand total.
 Serv core barrel & WO Orders. RU Eastman; Change rotary; Torque
 wheel; TIH w/Core barrel; wash to btm; Coring. BGG 200-275 units.
 Sand Intervals: 7469.7-7471.4', 7473.4-7477.0', 7480.7-7483.0'.

MW 9.8#, 28 secs, 4 cc.

CIGE 21-15-10-22 (NBU) TD: 7575' Drilling (49' - 13 hrs)
 Bitter Creek Field 10-25-77 Coring #10, 7495'-7555'; Circ.; TOOH w/core #10; LD Eastman tools
 Uintah County, Utah LD core; LD Monel collar, jars & stab. Full rec of Core #10 (60')
 AFE: 14716 WI: 100% Sand Interval 7529.7-7530.7'. NOTE: Eastman tools ran out of file
 ATD: 8800' SD: 4-9-77 @ 7525'. PU btm DC & check BOP; TIH; Change stripper rubber on
 CIGE, Oper. rot. head. TIH fill pipe at 5200'. CO btm; Drilling; Drilling brk
 13-3/8" @ 89'; 9-5/8" @ 2531' 7571-75'; Trip gas 2640; BGG 160. Blue flame flare 0'-12'.

MW 9.9#, 28 secs, 12 cc.

TD: 7800' Drilling (225' - 23-3/4 hrs)
 10-26-77 Drilling; Rig serv, check BOP; Drilling.
 BGG 40 - 60 un.
 Conn 10 - 70 un.
 Burn small flare.

MW 9.9#, 28 secs.

TD: 7985' Drilling (185' - 23-1/4 hrs)
 10-27-77 Drilling; Rig Serv.; Drilling; Circ. gas @ 7929'; Drilling.
 Drilling breaks; 7883-7916' 40 units to 2560 units.

MW 10.#, 28 secs.

TD: 8084' Drilling (99' - 12 1/2 hrs)
 10-28-77 Drilling; Unplug bit attempt, TOOH w/wet string; Unplug bit,
 Work BOP; TIH; Change 9 jts. DP; Drilling, Drilling Break;
 7990-8009', 560 un. gas, BGG 50 un at 6:00 am.

MW 10#, 28 secs.

TD: 8346' Drilling (262' - 23-1/4 hrs)
 10-29-77 Drilling; Rig serv.; Drilling; Clean Shale pit; Drilling
 break, 8084-8108', 8116-27', 8178-83', 8187-96', 8201-8206'.
 BGG 40-160,
 Conn 10-80 above BGG
 1520 uni @ 8278'.

MW 10.1#, 28 secs, 4.4 cc.

TD: 8422' PU Core Bbl. (76' - 10 hrs)
 10-30-77 Drilling; TOOH for hole in DP; Pump repair; Circ. for Core #11.
 Survey (1-1/4° - 8422'). Remove Rot. head; TOOH; Strap out.
 8422.47'.

MW 10.1#, 28 secs, 10.4 cc.

CIGE 21-15-10-22 (NBU) 6412'
 Bitter Creek Field 17-77
 Uintah County, Utah
 AFE: 14716 WI: 100%
 ATD: 8800' SD: 4-9-77
 CIGE, Oper.
 13-3/8" @ 89'; 9-5/8" @ 2531'

Drilling (34' - 12-3/4 hrs).
 TIH w/Core Barrel; Coring #7, core barrel jammed; Circ;
 Lost pump press; TOOH w/Core #7; LD Core #7 jars; Stand Bbl
 in Derrick; Rec 31.7' of Core; Cut drilling line; TIH w/bit;
 Wash to btm; Drilling.
 TG - 400
 BG - 240

MW 9.9#, 29 secs, 12.4 cc.

TD: 6632' Drilling (120' - 13 hrs)
10-18-77 Drilling: Trips; PU & LD DC: Rig Serv.

MW 9.8#, 27 secs, 48 cc.

NOTE: Total Mesaverde interval core 6350' to 6509' (5 cores),
 recovered 150' of 159' cut for 36' of sand recovered. Sperry
 Sun Orientation Tools failed on all 5 core runs.

TD: 6912' Drilling (280' - 23½ hrs)
10-19-77 Rig Serv; Drilling

MW 9.6#, 27 secs

TD: 7239' Drilling (347' - 23-3/4 hrs)
10-20-77 Drilling; Rig serv.; Drilling
 BGG 280 - 400 Max Units
 Conn 350 - 420 Max Units

MW 9.5#, 27 secs.

TD: 7400' TIH w/core barrel. (161' - 14-1/4 hrs)
10-21-77 Drilling; Serv rig; Drilling; Circ. @ 7400'; TOOH; PU core
 barrel & Monel DC & Eastman Orientation Tool; TIH w/core
 barrel. (Survey 1° @ 7400')

MW 9.8#, 28 secs, 16.4 cc.

TD: 7452' LD Core #8 (52' - 17 hrs)
10-22-77 TIH w/Core Barrel. CO to btm. Core #8, 7400'-7452'; Circ.; TOOH.
 Eastman Orientation, 1 - Tool damages, 1 - Tool w/some orienta-
 tion. Cored 52.5', Recovered 42.5', sand 9.3'.
 Sand Intervals: 7402.9 - 7404', 7423.4 - 7427.8', 7428.5 -
 7432.3'.

MW 9.8#, 29 secs, 18.3 cc

TD: 7495' TOOH w/Core #9. (43' - 17 hrs)
10-23-77 LD Core #8; Serv Core Barrel & PU stab. for top of Monel DC.
 TIH w/Core Barrel; Circ.; Coring from 7452-7495'. Core #9.
 Circ.; TOOH. BGG 150 Units.

MW 9.8#, 28 secs.

Bitter Creek Field

Uintah County, Utah

AFE: 14716 WI: 100%

ATD: 8800' SD: 4-9-77

CIGE, Oper.

13-3/8" @ 89'; 9-5/8" @ 2531'

TD: 6350' Check & service Core Barrel & WO Sperry Sun. (183' - 15-3/4 hrs)
10-12-77 Drilling: Rig serv; Drilling: circ.; Survey (6350' - 1-1/4°).
Mix Wt. pill for trip; Remove Rotating Head; TOOH - Strap DP,
Strap 6349.91' of DP; LD 1 DC (Btm Hole DC); Work BOP; PU Core
Barrel & Service same; Drilling brks 6218 - 42', 6319 - 27',
6336 - 45'.

MW 9.9#, 27 secs, 7.2 cc

TD: 6383'
10-13-77 TOOH (33' - 12 hrs)
WO Sperry Sun; RU tools; Rig Serv; TIH; Put rot.head on Clean
out 58' to btm. Circ; Cut Core #3 6350' to 6383'. Barrel
jammed - stabilizer broke; WOO for Christensen; Circ btms up;
Mix & pump pill for trip; TOOH.

MW 9.6#, 27 secs 16.4 cc.

TD: 6413'
10-14-77 LD Core #4. (30' - 13 hrs)
TOOH w/Core #3. Break down Sperry Sun tools; LD Core #3 - full
recovery - 33' (6350-6383'). Sand 6368-69' - 1'; Sand 6382-83'
1'; Serv Core Barrel - Top Stabilizer cracked in thread area.
RU Sperry Sun Tools. NOTE: Well flowing 5 gal/min. TIH w/Core
Barrel. Install Rot. Head - Circ. & Install new Totco Line.
Cut Core #4 - Barrel Jammed. Circ. TOOH. Sperry Sun Orienta-
tion Tools failed on Core #4. Cored 30' from 6383 - 6413'
recovered 26'; Sand 6383 - 84', 1', 6405.7 - 08.2', 2.5'.

MW 9.8#, 27 secs, 9.2 cc.

TD: 6452'
10-15-77 TOOH w/Core #5
Break down Sperry Sun; LD Core; Rec 26' Sperry Sun Tools
failed; LD Core Barrel & PU new Core Barrel & RU Sperry Sun;
TIH w/Core Barrel w/new bit; Coring - Core #5, barrel jammed;
Circ & pump pill & remove rotating head TOOH.

MW 9.8#, 27 secs, 12cc.

TD: 6478'
10-16-77 TIH for core #7
TOOH w/Core #5; LD Core; LD Sperry Sun tools & Monel DC, dress
core barrel; TIH w/Core barrel for Core #6; Coring - Core #6.
Circ; Pump pill; TOOH w/Core #6 - wet string; LD Core Unplug
barrel; Dress Core Barrel; Core #6 cut 26.3', rec 24.7'-
6452' - 60' sh, 6460' - 64' ss, 6464' - 70' sh, 6470' - 77' ss
lost btm.

MW; 10#, 28 secs, 12 cc

CIGE 21-15-10-22 (NBU) TD: 4787'
 Bitter Creek Field 10-5-77 Drilling (277' - 23-3/4 hrs.)
 Uintah County, Utah Drilling; Rig Serv., check BOPE; Drilling.
 AFE: 14716 WI: 100% Drilling brk. BGG Comm.
 ATD: 8800' SD: 4-9-77 4570-83' 100-140 2400
 CIGE, Oper. 4888-94' 100-140 2400
 13-3/8" @ 89'; 9-5/8" @ 2531' 4706-30' 100-140 2400

Trip Gas 520. Burning 6-8' flare.

TD: 5043' MW 9.4#. 28 secs
10-6-77 Drilling (256' - 23-3/4 hrs)
 Drilling; Rig serv; Check BOPE; Drilling: Flare - 2'.

MW 9.4#, 28 secs

TD: 5303'
10-7-77 Drilling (260' - 23-3/4 hrs)
 Drilling; Rig Serv, check BOPE; Drilling: Drilling brk 5204-08'
 BG increased from 80 un to 160 un; Conn increased BG from 120 to 280 un. Gas Flare - 0 - 10'.

MW 9.4#, 28 secs, NC.

TD: 5,464'
10-8-77 Drilling (161' - 16-3/4hrs.)
 Drilling; Rig service; Check well flow; Mix salt to 9.6;
 Survey (5,455 - 3/4°); Pill for trip; TOOH SLM 5,484.95';
 Changed bit & work BOP & CO 1 DC; TIH; Wsh to btm.
 Corr on strap 0.05.
 BG 300 units; trip 1100 units

MW 9.4#, 28secs

TD: 5688'
10-9-77 Drilling (224' - 23-3/4 hrs)
 Rig Serv.
 BGG increased from 100 un to 120 un; Conn - 1100 un.

MW 9.4#, 28 secs.

TD: 5910'
10-10-77 Drilling (222' - 23 1/2 hrs)
 Drilling: Rig serv; Clean shale pit; Drilling; Drilling brks
 5825 - 35', 5850 - 60'; BGG increased from 140 un to 280 un;
 Burn 5' flare.

MW 9.6#, 28 secs.

TD: 6173' Drilling (263' 23-3/4 hrs).
10-11-77 Rig Service, BOP check; Drilling.
 Wtr pump on Propane Boiler & Light plant Diesel - 24 hrs
 Rig on N.G.
 Top Mesa Verde 6080'
 Drilling brk MAX GAS
 6080-95' 2400
 6111-43' 1840

MW 9.6#, 29 secs, 47.2cc.

SIGE 21-15-10-22 (NBU) TD: 4084'

Bitter Creek Field
Hintah County, Utah

AFE: 14716 WI: 100%

ATD: 8800' SD: 4-9-77

SIGE, Oper.

13-3/8" @ 89'; 9-5/8" @ 2531'

9-30-77

Trip to unplug bit. (466' - 19-3/4 hrs.) Survey (3632' - 1°)
Drilling, Rig Service. Drilling, start motors after bit plug.
Drilling w/2 jets plugged. TOOH @ 4084. Check BOPS. Drlg. brk.

3520-3530'	208 gas
3650-55'	500u
3675-95'	400u
3720-25'	480u
3810-25'	100u
3955-3970'	380u

3510-3650 Sd&sh.

MW 9.2, 28 secs, 24cc

TD: 4380'
10-1-77

TOOH prep to PU GO Int'l to run RA bullet. (296' - 16 hrs)
Unplug bit. Work BOPS. TIH. Drilling. Rig Service. Drilling
Survey (4221' - 1°). Drilling. Circ. Ten Stand Short Trip
no fill or drag. Circ. TOOH.

MW 9.3, 28 secs, 12.4cc

TD: 4437'
10-2-77

Coring #1 (48' - 13½ hrs.)
Trip. RU run Sperry Sun, Radioactive. Shot w/GO Int'l, 4370'.
PU core barrel & Monel collar. WO sub. LD Monel collar. RU.
Sperry Sun. PU Monel Collar. TIH. Clean 55' to bottom. Cut
Core #1.

MW 9.6, 28 secs, 10.4cc

TD: 4,452'
10-3-77

Go to btm w/core barrel Run #2 (15' - 3-3/4hr)
Cut Core #1; circ; TOOH; Lay Core #1 dwn - rec 54' (cored
4,389 - 4,452'); check & LD core barrel; WO new core barrel;
TIH to kill well; fill pipe & trip to btm w/bit; circ gas out;
TOOH for Core #2; brk dwn Monel DC & jars & replaced jars on
top of core barrel; TIH; wsh to btm. Core rec 54' -
sand 4,403 - 4,416' - 4,432 - 4,435'. Sperry Sun orientation
tool failed & Christensen core inscriber failed to mark core. Core
picked up by Terra Tek Lab, SLC, Utah.

MW 9.9, 29secs, 10.4cc

TD: 4,510'
10-4-77

Drilling (58' - 15-3/4 hrs.)
Clean to btm; Core #2 from 4,452' to 4,508' Barrel jammed; Mix
& pump pill; TOOH w/Core #2; Dump full recovery; Cut 56'; WOO
from Wendell Cole; Stand Core barrel in Derrick; TIH w/bit;
Clean to btm; Drilling.
Sand Intervals
4452 - 4459
4461 - 4488
Drilling ahead.

MW 10.1#, 29secs, 12.8cc

CIGE 21-15-10-22 (NBU) TD: 2532'
Bitter Creek Field 9-25-77
Uintah County, Utah
AFE: 14716 WI: 100%
ATD: 8800' SD: 4-9-77
CIGE, Oper.
13-3/8" @ 89'; 9-58" @ 2531'

Drilling w/cement at 560' inside 9-5/8" csg. WOC & NU BOP:
Checked 9-5/8" Annulus Press at 11:00 AM (4 hrs. after 1st
Bradenhead Sq.) on Vacuum. RU Howco for 2nd sq. 12:00 noon.
Pumped 200 sx. Class "G" w/2% Cacl @ 2 BPM. Start pumping @
175 psi and slowly decreased to 75 psi w/47 bbls slurry in.
Disp. w/10 bbls wtr in 2 bbl stages of 5 min. intervals. No
increase in press. Slow vacuum at end of 10 bbl. displacement.
WOC & NU BOP. RU Howco for 3rd sq. Pumped 100 sx. Thixotropic
cmt. (Class "G" w/12% Cal-Seal. 3% cacl. & 1/4# Flo-seal sx.)
Rate 5 to 6 BPM w/100 to 200 psi press. Finished cementing
at 7:00 PM w/50 psi on Wellhead. WOC 1 1/2 hrs - 9/58".
Annulus standing full PU DC & 8 1/2" bit. TIH to cement top
@ 532' Test BOP at 2000 psi. Held OK. Drilling Cement -
Bit Plug. TOOH. Un-plug Bit (Plug w/wood). TIH. Drilling
Cement Plug & Hard Cement.

MW 8.3, 27 secs.

TD: 2532' Drilling; Cement @ 1420' inside 9-58" csg. (860' - 24 hrs.)
9-26-77 Drilling cement.

TD: 2,586' Drilling (54' - 2hrs)
9-27-77: Drill cmt inside 9-5/8" csg from 1420 - 2581'. Made 1111' in
21-3/4hrs. Service rig, check BOPs. Drill formation.
NOTE: Good hard cmt around csg shoe.
RU mud logging unit on 9-26-77 - "The Analysts"

MW 8.4#, 28secs

TD: 2908' Drilling 2662'. TOOH & LD 19 Jts; DP; Check BOP & Rig
9-28-77 Serv. TIH. Wash 30' to bottom. Drilling; Survey (2646 - 1°)
Drilling; Survey (2739' - 1°); Drilling; Survey (2860 - 1°)

MW 8.4, 27 secs.

TD: 3618'
9-29-77. Drilling (718'- 23-1/4 hrs.)
Drilling; Survey (2953' @ 1°)
Rig Service.
Drilling; Survey (3077' - 1°)
BGG 180-350.

MW 8.7, 26 secs.

CIGE 21-15-10-22 (NBU) TD: 89'
Bitter Creek Field 9-17-77: RURT
Uintah County, Utah
AFE: 14716 WI: 100%
ATD: 8800' SD: 4-9-77
CICE, Oper.
13-3/8" @ 89'

TD: 89'
9-18-77: RURT

TD: 458'
9-19-77

TD: 865'
9-20-77:

Drilling (407' - 21-1/2hrs)
Drilling; trip; wash to bottom; survey (704' - 1/2°)
Drilling with water

TD: 1358'
9-21-77

Drilling (493' - 21 hrs)
Mix LCM, W.O. Wtr.; survey (1206-3/4°)
Getting 75% Returns on Mud System.

TD: 1922'
9-22-77

Drilling (564' - 22 hrs.)
Drilling - Clean pits. Survey (1700 - 3/4°)
Survey & Rig Service

MW 8.4# 30 secs.

TD: 2424'
9-23-77

Drilling 12-1/4" hole (502' - 26-3/4 hrs)
Drilling; Rig Service. Drilling; Clean Pit Install
Rotary head. Drilling; Survey (2198' - 3/4°)
Clean Pits.

MW 8.4, 30 secs.

TD: 2532'
9/24/77:

RU Howco to Cmt back side of 9-5/8" Csg. (108'-5 1/2 hrs.)
Drilling: Circ; TOH w/SLM no corr: LD - 6DC; RU & run 9-5/8"
60 JTS. 36#, K-55, ST&C, 8 Rd, w/Guide Shoe & FC 40' Up (2490')
w/4 cent; RU & Circ. 10' of Fill Cmtg w/Howco 900 sx, Cl "G"
w/2% CaCl & 12.5# Gilsonite/sx; Wt/900sx in pipe - Csg getting
tight while working. Drpd Top Plug & disp w/44 BW press locked
at 3000psi. Press held at 3000psi. Est 185 sx cmt around shoe-
est TOP at 1730'. WOO. NU BOP - Well started flowing on back
side 4" stream water. Est 4000 BWPD. Shut well in w/Hydril
press built to 38psi set pack-off slips on 9-5/8" Csg w/10,000#

on Shoe and 100,000# on Slips. WO Howco & NU BOP. RU to Cmt back side.
Note: Back side of 13-3/8" Conductor leaking Gas. From 6:00 A.M. to 7:00 A.M.
cmtd back side of 9-5/8" csg w/350sx Cl "G" 2% CaCl. Pumped at 5 B/M @ 200psi &
displaced w/50 BW. Est top of displaced cmt at 800'. WOC at 7:00A.M.
Note: 13-3/8" Conductor stop leading gas. Held 800psi on 9-5/8" while cmtg back
side. Press decreased to 350# at end of job. Annulus is holding full of fluid.

CICE 21-15-10-22 (NBU)
Bitter Creek Field
Uintah County, Utah
AFE: 14716 WI: 100%
ATD: 8800' SD: 4-9-77
CICE, Oper.
13-3/8 @ 89'

TD: 89'
9/9/77
1021' FNL & 1048' FEL, SECTION 15, T10S, R22E
Well spudded April 9, 1977, and has been waiting on
rotary tools.

MIRT

9-11 TD: 89'

MIRT - Anderson Rig No. 5

9-12 TD: 89'

MI Anderson Rig No. 5

TD: 89'
9-13-77

MIRT

TD: 89'
9-14-77 - Move in. Rig up RT.

TD: 89'
9-15-77: RURT

TD: 89'
9-16-77: RURT

NATURAL BUTTES # 21
Bitter Creek
Uintah County, Utah
AFE: 14716 WI: 100%
ATD: 8,755' SD: 4/9/77
GPE, Inc., Oper.
Anderson Drilling, Contr.

4-12
75'

Prep to run 13-3/8" csg & cement
Spudded 4/9/77 w/Martin Rat-hole Digger; drill
18" hole to 75'

4-13
74'

WOC
ran & set 13-3/8" at 74' KB; cemented w/150 sx.
class "G" w/2% CaCl_2

Location: NE/4 Section 15, T10S, R22E, Uintah
County, Utah; GL 4923'; ATD: 8755'

4-14

WO rotary; transfer to back page

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-025187	
2. NAME OF OPERATOR CIG EXPLORATION, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
3. ADDRESS OF OPERATOR P. O. BOX 749 - DENVER, COLORADO		7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1021' FNL & 1048' FEL, SECTION 15, T10S, R22E		8. FARM OR LEASE NAME NATURAL BUTTES UNIT	
14. PERMIT NO. 43-047-30255 (State)		9. WELL NO. (CIGE 21-15-10-22) NATURAL BUTTES UNIT NO. 21	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4850' UNGR. GR.		10. FIELD AND POOL, OR WILDCAT BITTER CREEK FIELD	
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC. T., E., M., OR BLK. AND SURVEY OR AREA SECTION 15, T10S, R22E	
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	CORRECTION <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	CORRECTION <input checked="" type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*			

RE: ELEVATION CORRECTION

ELEVATION SHOWN ON ORIGINAL PLAT WAS 4923' UNGRADED GROUND.

CORRECTED ELEVATION IS 4850' UNGRADED GROUND.

SEE ATTACHED LETTER AND PLAT FROM UINTAH ENGINEERING WHICH
SHOW THEIR RESPONSIBILITY FOR THIS ERROR.APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: March 22, 1978
Ph. Immanuel

18. I hereby certify that the foregoing is true and correct

SIGNED

F. R. MIDKIFF

TITLE

DISTRICT SUPERINTENDENT

DATE

MARCH 15, 1978

(This space for Federal or State office use)

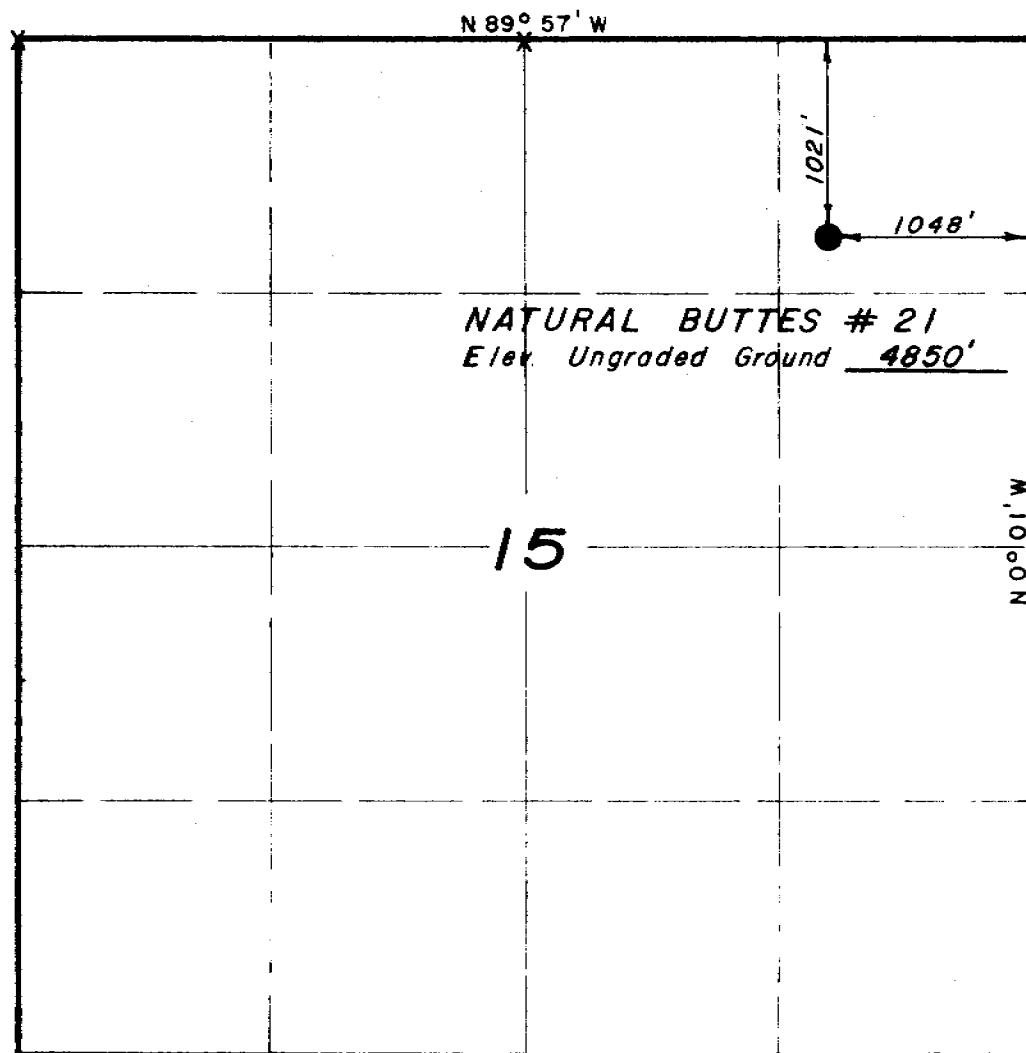
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

T10S, R22E, S.L.B. & M.



X = Corners Found & Used.

PROJECT

GAS PRODUCING ENTERPRISES

Well location, *NATURAL BUTTES # 21*,
located in the NE1/4 NE1/4 Section 15,
T10S, R22E, S.L.B. & M., Uintah
County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Lawrence C. Ray

REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

Revised 3/2/78

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 19 January 1977
PARTY R.K., D.B. & D.D.	REFERENCES GLO Plat
WEATHER Cool	FILE Gas Producing Enterprises

NELSON J. MARSHALL

PHONE 789-0272

GENE STEWART

PHONE 789-1795

LAWRENCE C. KAY

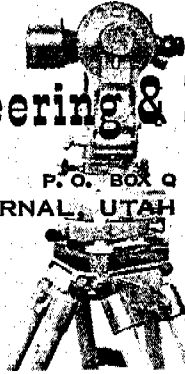
PHONE 789-1125

OFFICE LOCATION
110 E. FIRST SOUTH

PHONE 789-1017

Uintah Engineering & Land Surveying

P. O. BOX Q
VERNAL, UTAH 84078



March 2, 1978

Gas Producing Enterprises
P.O. Box 749
Denver, Colorado 80201

Gentlemen:

Enclosed are corrected copies of the location plat for Gas Producing Enterprises well location Natural Buttes # 21, Section 15, T10S, R22E, S.L.B. & M.

Previous copies of this plat showed an incorrect elevation. The elevation has now been corrected and placed on the plat.

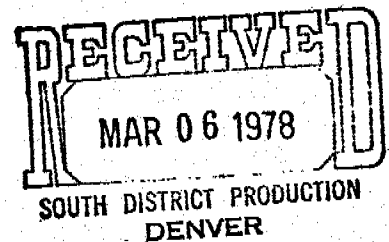
We acknowledge that the error was ours and are sorry for the problems caused as a result. Steps are being taken to prevent such problems in the future.

Sincerely,

A handwritten signature in cursive script that reads "Michael Weber". The signature is written in dark ink and is positioned above the printed name and title.

Michael Weber
Office Manager

dar





SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

I. DANIEL STEWART
Chairman

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

CLEON B. FEIGHT
Director

August 31, 1978

Cig Exploration, Inc.
P.O. Box 749
Denver, Colorado 80201

RE: Well locations listed on
attached sheet

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be on Form OGC-1b, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, & MINING

Tammy Edge
Typist

Well No. Cige 2-29-10-21(NBU)
Sec. 29, T. 10S, R. 2.E
Uintah County, Utah
October 1977-July 1978

Well No. Natural Buttes Unit #23
Sec. 7, T. 10S, R. 22E
Uintah County, Utah
December 1977-July 1978

Well No. Cige 3-16-9-21(NBU)
Sec. 16, T. 9S, R. 21E
Uintah County, Utah
August 1977-July 1978

Well No. Cige 3-32-9-22(NBU)
Sec. 32, T. 9S, R. 22E
Uintah County, Utah
December 1977-July 1978

Well No. Natural Buttes Unit #4
Sec. 9, T. 10S, R. 21E
Uintah County, Utah
February 1978-July 1978

Well No. Natural Buttes Unit 6-19-9-21
Sec. 19, T. 9S, R. 21E
Uintah County, Utah
April 1978-July 1978

Well No. Natural Buttes Unit 7-8-10-21
Sec. 8, T. 10S, R. 21E
Uintah County, Utah
June 1978-July 1978

Well No. Natural Buttes Unit 9-36-9-22
Sec. 36, T. 9S, R. 22E
Uintah County, Utah
June 1978-July 1978

Well No. Cige 21-15-10-22
Sec. 15, T. 10S, R. 22E
Uintah County, Utah
April 1978-July 1978

Well No. Cige 10-2-10-22
Sec. 15, T. 10S, R. 22E
Uintah County, Utah
June 1978-July 1978

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-025187
2. NAME OF OPERATOR CIG EXPLORATION, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR P. O. BOX 749 - DENVER, COLORADO		7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1021' FNL & 1048' FEL, SECTION 15, T10S, R22E		8. FARM OR LEASE NAME NATURAL BUTTES UNIT
14. PERMIT NO. 43-047-30255 (State)		9. WELL NO. (CIGE 21-15-10-22) NATURAL BUTTES UNIT NO. 21
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 4850' UNGR. GR.		10. FIELD AND POOL, OR WILDCAT BITTER CREEK FIELD
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA SECTION 15, T10S, R22E
		12. COUNTY OR PARISH UINTAH
		13. STATE UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data:

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	SEE BELOW <input checked="" type="checkbox"/>

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

REPORT OF OPERATIONS DECMEBER 1977 THROUGH AUGUST 1978

SEE ATTACHED

18. I hereby certify that the foregoing is true and correct

SIGNED F.R. Midkiff TITLE District Superintendent DATE September 21, 1978

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

CIGE 21-15-10-22 (NBU)

Bitter Creek Field

Uintah County, Utah

FE: 19355 WI: 100%

ATD: 8800' SD: 4-9-77

CIGE, Inc., Oper.

Anderson Drilling, Contr.

13-3/8" @ 89'; 9-5/8" @ 2531';

5 1/2" @ 8788'

Perfs: 8509'-8513' (5 shots)

8-14-78

Flow thru test equipment.
On 20/64" ck. Gas - TSTM,
12 BWPD.

Results of Howco Water Sample taken 8-7-78.
Sp. Gr. 1.02, PH 6, Ca - 204, Mg - Nil, Cl 13015,
Bicarb - 1125.

TD: 8788'

PBTD: 8757' Flow thru test equipment.

8-15-78 FTP 30#, on 20/64" ck.
15 BWPD, gas TSTM.

8-16-78 Flowing to test separator on 20/64" ck.
FTP 30#, SICP, w/pkr, 0#. 14 BWPD, gas
TSTM.

8-17-78 Flowing to test separator.
On 20/64" ck. Gas TSTM, 14 BWPD.

8-18-78 FTP 30 psi w/pkr, on 20/64" ck.
Gas TSTM, 12 BWPD.

8-19-78 Flowing to test separator on 20/64" ck.
FTP 30 psi. 12 BW, gas - TSTM.

8-20-78 NO REPORT

8-21-78 MI WO Rig.

8-22-78 Prep to release BP.

8-23-78 RU Gibson Well Service.
Kill well w/50 bbls 10% brine; ND tree, NU BOP's;
Released pkr; PU 2 jts 2-7/8" tbg; Latch onto &
release RBP; POOH to 8228'; Set RBP @ 8228'; Test
csg & RBP to 4000#; Had minor accident on test to
G.W.S. employee; Swab well down (45 BW rec) to est
2500'; SDFN.

8-24-78 Swab - prep to perf.
Swab to 8000'; RU OWP & run GR; Tag top of RBP @
8155'; RD OWP; Release RBP & move dwn to 8228';
Press test RBP to 4000#; PU to 8100'; Swab well
dwn to 8000'; SDFN.

8-25-78 Prep to brk dwn perfs.
Swab to 8000'; RU OWP & perf 8201', 8202', 8203',
8204' & 8205', 1 SPF w/thru tbg (1-11/16") gun;
Set pkr @ 8192'; ND BOP; NU tree; SDFN.

8-26-78 RU Howco & Broke dwn formation; Pkr leaked; ND tree
& reset pkr @ 8190'; NU & balled well out @ 9500#
w/2500 gals 2% KCl wtr + 10 RCN balls; AIR 11 BPM,
press 9300#; SISP 3000#, 5 min SIP 2000#, 10 min SIP
1680#; Flowing to pit on 18/64" ck; FTP 250 psig.

8-27-78 Flowing to pit on 18/64" ck.
NO REPORT

CIGE 21-15-10-22 (NBU)

Bitter Creek Field

Uintah County, Utah

AFE: 19355 WI: 100%

ATD: 8800' SD: 4-9-77

CIGE, Inc., Oper.

Anderson Drilling, Contr.

13-3/8" @ 89'; 9-5/8" @ 2531';

5 1/2" @ 8788'

Perfs: 8509'-8513' (5 shots)

7-28-78

Flowing thru test separator

FTP 50 psi, w/pkr, on 18/64" ck.

Gas - TSTM w/24 BWPD.

7-29-78

FTP 50# to test separator.

SICP 0, on 18/64" ck. 30 BWPD w/gas TSTM.

7-30-78

NO REPORT

7-31-78

Flowing thru test separator to pit.

FTP 50#, SICP 0#, w/pkr, on 18/64" ck.

GAS - TSTM w/20 BW.

8-1-78Flowing thru test equipment on 18/64" ck.
FTP 50 psi, w/pkr; 22 BWPD w/gas TSTM.8-2-78

Flowing to test separator.

FTP 50#, SICP 0, on 18/64" ck.

24 BWPD, gas TSTM.

8-3-78

FTP 50#, on 20/64" ck.

20 BWPD, gas - TSTM.

8-4-78

Flowing thru test separator.

FTP 40 psi, w/pkr, on 20/64" ck.

Gas - TSTM, 24 BWPD.

8-5-78Flow thru test separator on 20/64" ck.
FTP 30 psi, Gas - TSTM, 16 BWPD.8-6-78

Flow well thru test separator.

FTP 30 psi, on 20/64" ck. 14 BWPD,
gas - TSTM.8-7-78

Flowing thru test separator to pit on 20/64" ck.

FTP 30#, SICP 0.

14 BWPD, Gas - TSTM.

8-8-78

Flowing thru test separator to pit on 20/64" ck.

FTP 40 psi. 20 BWPD - gas TSTM.

8-9-78

Flowing thru test separator on 20/64" ck.

FTP w/pkr, 40 psi, 20 BWPD w/gas TSTM.

8-10-78

Flowing to test separator on 20/64" ck.

FTP 30#. 14 BWPD, gas - TSTM.

8-11-78

FTP 30# to test separator on 20/64" ck.

Gas TSTM. Made 14 BW.

8-12-78

Flow thru test equipment.

Flow on 20/64" ck; FTP 30#.

Gas - TSTM, 14 BWPD.

8-13-78

Flow thru test equipment.

Flow on 20/64" ck, FTP 30#.

Gas - TSTM, 14 BWPD.

CIGE 21-15-10-22 (NBU)

Bitter Creek Field

Uintah County, Utah

AFE: 19355 WI: 100%

ATD: 8800' SD: 4-9-77

CIGE, Inc., Oper.

Anderson Drilling, Contr.

13-3/8" @ 89'; 9-5/8" @ 2531';

5 1/2" @ 8788'

Perfs: 8509'-8513'

(5 shots)

7-14-78

Flowing to pit.

FTP 40 psi, SICP 0, w/pkr, on 18/64" ck.
87 BWPD (tank gauge), gas TSTM.7-15-78

Flowing well to pit.

TD: 8788' FTP 40#. Flowing thru test separator.
PBD: 8757' Gas - TSTM, 190 BWPD.7-16-78

Flowing well to pit.

FTP 40#. Gas - TSTM - 95 BWPD
on 18/64" ck.7-17-78

MI & RU Gamache WO Rig.

Flow thru test separator on 30/64" ck.

FTP 40#, SICP 0. Gas - TSTM, w/96 BWPD.

7-18-78

MI & RU WO Rig. (Gamache Well Service)

Prep to re-set BP & pkr for recompletion.

7-19-78

Prep to finish pulling BP & pkr.

ND tree, NU BOP; Circ hole w/3% KCl wtr & reversed
out RCN ball sealers; GIH & release BP & pull &
reset BP @ 8500'; Press tested BP w/2800 psi - BP
didn't hole - pumped in 1 BPM; Working pkr thru tite
spot @ 8400'; TOOH w/2-7/8" tbg w/BP & pkr - pulled
40 stds (80 jts) & SDFN; Left open on 30/64" ck.7-20-78

Prep to TIH w/Retrievable BP & pkr.

RU Halliburton pump truck; Kill well w/100 bbls
10# brine wtr; TOOH w/2-7/8" tbg & MR pkr; Lost
BP @ 4010'; TIH; Sit on plug & release; Circ hole
w/10# bring wtr; POOH w/BP; RU GOI WL; TIH w/5 1/2"
BP & set @ 8500'; Press test to 1500# - held OK;
Well open to pit overnite.7-21-78

WO BP.

TIH w/2-7/8" tbg, Baker RBP & Model R double grip pkr;
Set plug @ 8494'; POOH to 8037'; ND BOP's; Land tbg in
hanger; Swab well down to 4500'.7-22-78

Flow to test tank on 16/64" ck.

RU OWP; Ran strip log; Perf 8474', 8476', 8478', 8480',
8482'. Set pkr @ 8450'; Test backside to 2000#. RU Howco;
Brk dwn perfs w/3% KCl wtr @ 8900# @ 3 1/2 BPM; ISI 8000#.7-23-78

Flowing thru test equipment.

FTP 50 psi, on 18/64" ck. Gas TSTM, 72 BWPD.

7-24-78

Flowing thru test equipment.

FTP 50 psi, on 18/64" ck. Gas TSTM, 72 BWPD.

7-25-78

Flowing thru test separator on 18/64" ck.

FTP 50 psi, w/pkr, Gas TSTM, 70 BWPD (test tank).

7-26-78

Flowing thru test equipment.

FTP 40 psi, w/pkr, on 18/64" ck; Flowing 85 BWPD
w/gas TSTM.7-27-78

Flow to test tank.

SICP 0, FTP 45#, on 18/64" ck.

Flowing est 80 BWPD w/gas TSTM.

CIGE 21-15-10-22 (NBU)
 Bitter Creek Field
 Uintah County, Utah
 AFE: 19355 WI: 100%
 ATD: 8800' SD: 4-9-77
 CIGE, Inc., Oper.
 Anderson Drilling, Contr.
 13-3/8" @ 89'; 9-5/8" @ 2531';
 5 1/2" @ 8788'

TD: 8788'
 PBTD: 8757'

6-29-78 Prep to swab well.
 MI & RU Benco Swab Unit. Att to swab well - well
 kicking couldn't get swab to fall. Well flowing
 in heads w/gas TSTM.

6-30-78 Flowing to pit.
 FTP 0#, SICP 0#, on 20/64" ck. Well heading wtr w/gas -
 TSTM. RD Swab Unit - unable to swab.

7-1-78 Flow to pit.
 FCP 50#, on 20/64" ck. 50 - 75 BWP, Gas - TSTM.

7-2-78 Flow to pit on 20/64" ck.
 FCP 50#, 50 BWP, Gas - TSTM.

7-3-78 Flowing to pit.
 FTP 50#, on 20/64" ck.
 Flowing est 50 - 75 BW & Gas - TSTM.

7-4-78 Flowing to pit.
 FTP 0, SICP 0, on 20/64" ck.
 Gas - TSTM. Est 25 to 50 BWP w/1/2" stream of wtr.
 Prep to set test tank.

7-5-78 Flowing to pit.
 FTP 0, SICP 0, on 20/64" ck.
 Gas - TSTM w/1/2" stream of wtr.
 Prep to set test tank.

7-6-78 Flowing into test tank.
 FTP 0 psi, on 20/64" ck.
 11 BWP w/no gas.

7-7-78 FTP 0 to pit. Est 40 - 50 BWP, 25 - 50 MCFD.

7-8-78 Flowing to test tank.
 Set vert. separator; 3 hr test indicates 40 BWP
 w/gas - TSTM.

7-9-78 Flowing to test tank.
 FTP 50 psi. 100 BWP (24 hr tank gauge) w/gas - TSTM.

7-10-78 FTP 40#, on 16/64" ck.
 97 BW, Gas - TSTM.

7-11-78 Flow to test tank on 16/64" ck; FTP 40#;
 Gas TSTM; 110 BWP.

7-12-78 Flowing thru separator to test tank.
 FTP 40 psi, on 30/64" ck. Gas - TSTM,
 100 BWP.

7-13-78 Flowing thru test equipment.
 FTP 50 psi, on 18/64" ck.
 106 BW, gas - TSTM.
 Water Analysis taken 7-7-78 results.

Gravity	1.013	Sodium	5450 ppm	Sulfate	334 ppm
PH	7.1	Calcium	176 "	Carbonate	NIL
Iron	52 ppm	Magnesium	29 "	Bi-carbonate	1159 "
Potassium	103 "	Chloride	8924 "	Rw	0.43 ohm @
					77° F

Bitter Creek Field

TD: 8788'

12-14-77

Uintah County, Utah

Logging w/Schlumberger.

AFE: 19355 WI: 100%

ATD: 8800' SD: 4-9-77

CIGE, Oper.

Anderson Drilling, Contr.

13-3/8" @ 89'; 9-5/8" @ 2531';

5-1/2" @ 8788'

RU Schlumberger; Ran TDT and CNL logs from 8713' to 3800'; SDFN; Will finish logging today; Will run Long-spaced Sonic Research log.

(Date of last report 11-20-77)

PBTB: 8742' WOC.

TD: 8788'

12-15-77

Schlumberger finished Long-spaced Sonic Log.

PBTB: 8742'

TD: 8788'

12-16-77

WOC.

(Transfer to back page)

TD: 8788'

PBTB: 8757' Last report 12-16-77.

6-21-78

POOH w/2-3/8" tbg & 5 1/2" csg scraper (baker).
FIH w/scraper & tbg to 8757'; Circ; POOH.

TD: 8788' LD 2-3/8" tbg.

PBTB: 8757' POOH w/scraper; Ran (5 1/2") gauge ring to 8740'; POOH;
6-22-78 LD gauge ring 4.34" OD; RIH w/2-3/8" tbg to 8700';
Displaced salt wtr w/2% KCl wtr. SDFN

6-23-78

GIH w/BP & pkr & N nipple.

LD 2-3/8" tbg; Rack & load out; Unload & strap
2-7/8" tbg.

6-24-78

Prep to swab.

PU Baker BP, pkr & 2-7/8" tbg; RIH to 8000'; RU &
swab for 6 hrs; FL from surface to 4500'; SDFN.

6-25-78

SD for weekend.

Swab well dn to 7600'; Unload 24 - 2-7/8" , N-80 tbg.
Tally & PU tbg; RIH to 8550', set BP & Pull up to
8500'.

6-26-78

SD for Sunday.

6-27-78

Open to pit - prep to brkdn w/3% KCl.

RU OWP & check BP depth @ 8533' w/btm of pkr @ 8494';
NU tree & perf 5 1/2" csg w/1-9/16" tbg gun w/1 SPF @
8509', 8510', 8511', 8512' & 8513' (5 holes); Opened
well to pit on 16/64" ck. FTP 0 psi, SICP 0 psi;
NOTE: Tbg swabbed dwn prior to perf; Tested backside
of pkr to 1000 psi - held OK; "N" nipple @ 8488' -
186 jts, 2-7/8", N-80 tbg.

6-28-78

Flowing to pit by heads. Prep to swab.
On 18/64" ck. Load wtr & gas TSTM.

RU Howco. Pumped 4 bbls 3% KCl @ 6500 psi dwn 2-7/8"
tbg w/100 psi on back side of pkr. Pkr failed. WO Baker
man. Re-set Baker R-3 pkr @ 8494'. NU tree & RU Howco.

Pumped 65 bbls of 3% KCl w/8 RCN ball sealers @ 4 BPM.
Balled out @ 6030 psi. Held 5 min. Back flowed well.

Finished pumping 20 bbls 3% KCl. ISIP 2100#, 5 min SIP 2000#.
Opened to pit on 18/64" ck @ 6:30 PM. FTP 200# after 30 min.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate
(Other instructions
reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-025187

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES

9. WELL NO. (CIGE 21-15-10-22)

NATURAL BUTTES UNIT NO. 21

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SECTION 15, T10S, R22E

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

GAS PRODUCING ENTERPRISES, INC.

3. ADDRESS OF OPERATOR

P. O. BOX 749 - DENVER, COLORADO

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)
At surface

1021' FNL & 1048' FEL, SECTION 15, T10S, R22E

14. PERMIT NO.

43-047-30255

15. ELEVATIONS (Show whether DP, RT, GR, etc.)

4850' UNGR. GR.

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

TEMPORARILY ABANDON

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

X

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WELL TEMPORARILY ABANDONED AS UNPRODUCTIVE IN MESAVERDE. PRESENTLY
EVALUATING FOR COMPLETION IN WASATCH. SEE ATTACHED CHRONOLOGICAL

18. I hereby certify that the foregoing is true and correct

SIGNED

R. G. Merrill

TITLE Senior Petroleum Engineer

DATE 4/6/79

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ATTACHMENT #4

CIGE 21-15-10-22 (NBU)

Bitter Creek Field

Uintah County, Utah

AFE: 19355 WI: 100%

ATD: 8800' SD: 4-9-77

CIGE, Inc., Oper

Anderson Drilling, Contr.

13-3/8" @ 89'; 9-5/8" @ 2531'; 11/24/78 NO REPORT

5 1/2" @ 8788'

Perfs: 7741'-7744' (4 shots)

TD: 8788'

RBP @ 7775'

11-23-78Well SI for press build-up.
SITP 1400#.

TD: 8788'

RBP @ 7775'

11-25-78Well SI for press build-up.
NO REPORT

TD: 8788'

RBP @ 7775'

11-26-78

Well SI for press build-up.

TD: 8788' NO REPORT

RBP @ 7775'

11-27-78Well SI - prep to open to pit.
SITP 1500 psi. SICP 0, w/pkr.

TD: 8788'

RBP @ 7775'

11-28-78SITP 1500#. Opened well to pit on 20/64" ck.
press drpd from 1500# to 0 in 25 mins. Well SI for
buildup.11-29-78FTP 0#, on 20/64" ck.
No wtr or gas.11-30-78Well open to pit on 20/64" ck.
Well Dead. Prep to SI well.

TD: 8788'

RBP @ 7775'

12-1-78

Well SI @ 9:30 AM, 11-30-78.

DOE test complete. WO Core Analysis results.
Transfer to back page.

CIGE 21-15-10-22 (NBU)

Bitter Creek Field

Uintah County, Utah

AFE: 19355 WI: 100%

ATD: 8800' SD: 4-9-77

CIGE, Inc., Oper

Anderson Drilling, Contr. 11-10-78 Prep to brkdwn w/Western.

13-3/8" @ 89'; 9-5/8" @ 2531';

5 1/2" @ 8788'

Perfs: 7741'-7744' (4 shots)

Finished TIH: Set pkr @ 6400', w/40,000# C. Press test to 5000 psi. Held OK. ND BOP, NU tree. RU Welex & perf w/1 SPF @ 6486', 6487', 6488', 6489' & 6490' for a total 5 holes. RD Welex. SDFN.

TD: 8788'

RBP @ 7775'

11-11-78 FTP 0#, on 20/64" ck.

No wtr GTSTM.

TD: 8788'

RBP @ 7775'

11-12-78 Flowing well to pit on 20/64" ck.

NO REPORT

TD: 8788'

RBP @ 7775'

11-13-78 Flowing to pit on 20/64" ck.

FTP 20 psi w/pkr. Wtr & gas TSTM.

TD: 8788'

RBP @ 7775'

11-14-78 Flowing to pit on 20/64" ck.

FTP 0# w/pkr, GTSTM. Prep to SI for press build-up.

TD: 8788'

RBP @ 7775'

11-15-78 Well SI @ 12:30 PM, 11-14-78 for press build-up.

TD: 8788'

RBP @ 7775'

11-16-78 Well SI 12:30 AM, 11-14-78, for press build-up.
SITP 850#, SICP 0#.

TD: 8788'

RBP @ 7775'

11/17/78 Well SI
SITP 1000 psi @ 6:00 P.M., 11/16/78. SICP - 0
(Packer)11/18/78 NO REPORT11/19/78 NO REPORT

TD: 8788'

RBP @ 7775'

11-20-78 Well SI
SITP 1300 psi w/pkr
SICP - 0 packer

TD: 8788'

RBP @ 7775'

11/21/78 Well SI; SITP 1400 psi; SICP 0 w/pkr.

TD: 8788'

RBP @ 7775'

11/22/78 Well SITP 1400#; SICP 0# (pkr. in hole)

CIGE 21-15-10-22 (NBU)

Bitter Creek Field

Uintah County, Utah

AFE: 19355 WI: 100%

ATD: 8800' SD: 4-9-77

CIGE, Inc., Oper

Anderson Drilling, Contr.

13-3/8" @ 89'; 9-5/8" @ 2531';

5 1/2" @ 8788'

Perfs: 7741'-7744' (4 shots)

TD: 8788'

RBP @ 7775'

10-26-78 Well SI for press buildup.10-27-78 FTP 0, SI well @ 10 AM, 10-26-78, for press buildup.
0 BWPD & 0 gas.10-28-78 Well SI for press buildup.
SITP 250#.10-29-78 Well Dead.
Open @ 9:30 AM, 10-28-78.
Well dead in 2 mins.10-30-78 Open to pit - FTP 0.
Opened on 20/64" ck. Blew dead from 1750# in 10 mins.
Dry gas.10-31-78 Well dead.
FTP 0 on 20/64" ck. 0 BWPD, 0 MCFD.
WO DOE approval to test zone #6.
Transfer to back page.TD: 8788' Last report was 10-31-78.
RBP @ 7775' Flowing to pit on 20/64" ck.11-2-78 FCP 10#. 8 BWPD w/GTSTM.11-3-78 Flowing to pit on 20/64" ck.
FTP 10#. 8 BWPD w/GTSTM.11-4-78 Flowing to pit on 20/64" ck.
FTP 10 psi. 6 BWPD w/GTSTM.11-5-78 Flowing to pit on 20/64" ck.
FTP 10 psi. 6 BWPD w/GTSTM.11-6-78 Flowing to pit on 20/64" ck.
NO REPORT.11-7-78 Flowing to pit - prep to MI Well Service Rig.
Flowing on 20/64" ck. FTP 10#. 6 BWPD w/GTSTM.
Prep to start test of Zone #6 for DOE. This is
last zone to be tested for DOE.11-8-78 Prep to TOOH w/RBP & prk.
Flowing to pit on 20/64" ck. FTP 10#. 6 BWPD w/GTSTM. MI & RU Monument Well Service.11-9-78 GIH w/tbg & prk.
Kill well w/50 bbls brine. ND tree, NU BOP's. Release
prk, PU 2-7/8" tbg. GIH & latch onto & release RBP. No
press below RBP. POOH w/tbg. prk & plug; RIH Welex &
ran short strip log. Set CIBP @ 5670'. Dump 10' cmt on
top of plug. PBTD 6560'. RD Welex. PU prk & 2-3/8" tbg
start in hole. SDFN.

CIGE 21-15-10-22 (NBU)

Bitter Creek Field

Uintah County, Utah

AFE: 19355 WI: 100%

ATD: 8800' SD: 4-9-77

CIGE, Inc., Oper

Anderson Drilling, Contr.

13-3/8" @ 89'; 9-5/8" @ 2531';

5 1/2" @ 8788'

Perfs: 7741'-7744' (4 shots)

10-14-78

Flow to test tank.

POOH w/2-7/8" tbg; LD 5 1/2" pkr & plug; PU new RBP & Retrievmatic pkr; Set Retrievmatic pkr @ 7588'; Swab dwn to 3500'; Set pkr @ 7378'; Run strip log & perf 7565', 7566', 7567' & 7568'; Brkdwn w/1000 gals 7 1/2% MSR, 8 balls; Balled out to 9500 psi; Flushed w/50 bbls 2% KCl; AIR 8 1/2 BPM, avg inj. press 6000#; ISIP 3200#, 5 min SIP 3000#, 10 min SIP 3000#, 15 min SIP 3000#; Open on 24/64" ck to test tank.

TD: 8788'

RBP @ 7775'

10-15-78

Swab 35 BW from new perfs;
No gas; RD Swab unit.

10-16-78

FTP 20#, on 20/64" ck.
No wtr, GTSTM.

10-17-78

SI for press buildup.
Well SI @ 11:45 AM, 10-16-78.

10-18-78

SI for press build up.
SITP 20#. Well SI @ 11:45 AM, 10-16-78.

10-19-78

Well SI @ 11:45 AM, 10-16-78.
SITP 0#.

10-20-78

Prep to swab.

SITP 1700 psi @ 1 PM, 10-19-78. MI & RU Rental Swab Unit. Bled press from 1700 psi to 0 psi. Swabbed FL from surface to 3200', pulling swab from 3700'. Left well to pit on 18/64" ck.

10-21-78

Swab 2-7/8" tbg.

Swab 90 BW. Start acid back. Made total 21 swab runs total 163 bbls recovery. 2 runs/hr. 12 BPH. FL @ 3200'. Small amt gas after each run. Open well to pit on 18/64" ck.

10-22-78

Flowing to pit on 18/64" ck.

Swab test well 168 BW - 2 runs/hr. FL drpd to 5400'. SI for 15 min - press bldg to 100 psig. Bled well dwn in 15 min. Made 23 swab runs. Would gas 15 min after each run. Open to pit on 18/64" ck. SDF weekend.

10-23-78

Prep to swab.

FTP 0, on 20/64" ck. Open to pit. Swab Unit SDF Sunday.

10-24-78

Well dead - prep to SI for press build-up.

Swabbed 167 BW. Lowered FL from 1800' to 5300'. Pulling swab from 6900'. Released Swab Unit.

10-25-78

RD Utah Rental Service Co. SI Well.

Results of Wtr Sample taken 10-23-78 below:

Sp Gr. 1.015

Ca 175

Mg Nil

Cl 9042

CaCO₃ 0

Bicarb. 1143

Rw - .452 @ 66°F

CIGE 21-15-10-22 (NBU)

Bitter Creek Field

Uintah County, Utah

AFE: 19355 WI: 100%

ATD: 8800' SD: 4-9-77

CIGE, Inc., Oper

Anderson Drilling, Contr.

TD: 8788'

13-3/8" @ 89'; 9-5/8" @ 2531'; PBD: 8757'

5 1/2" @ 8788'

Perfs: 8509'-8513' (5 shots)

9-30-78Flowing to pit on 20/64" ck.
FTP 20#, w/pkr, SICP 0. 13 BWPD,
w/GTSTM.10-1-78Flowing to pit on 20/64" ck.
NO REPORT.10-2-78Flowing to pit on 20/64" ck.
FTP 20#. 15 BWPD, w/GTSTM.10-3-78Flowing to pit on 20/64" ck.
FTP 20#. 14 BWPD w/GTSTM.10-4-78Flowing well to pit on 18/64" ck.
FTP 20#. 14 BWPD, w/GTSTM.10-5-78Flowing to pit on 18/64" ck.
FTP 20#. 14 BWPD, w/GTSTM.10-6-78Flowing to pit on 20/64" ck.
FTP 20#. 14 BWPD w/GTSTM.

TD: 8788'

RBP @ 7775'

10-7-78Flowing well to pit on 20/64" ck.
FTP 200#. 14 BWPD + GTSTM.10-8-78Flowing to pit on 20/64" ck.
FTP 20#. 13 BW w/GTSTM.10-9-78Flowing to pit on 18/64" ck.
FTP 20#. 14 BWPD w/GTSTM.
Water Analysis taken 9-29-78:

Gr	1.025	Cl	9590
PH	7	Bicarb.	1174
Ca	262	Carb.	Nil
Mg	Nil		

10-10-78Flowing to pit on 20/64" ck.
FTP 20 #. 10 BWPD, w/GTSTM.10-11-78Flowing to pit on 20/64" ck.
FTP 20#. 10 BWPD w/GTSTM.10-12-78MI RU - prep to complete in zone #5.
Rw = 0.519 @ 73°F. Flow to pit on 20/64" ck.
FTP 20#. 10 BWPD, GTSTM.10-13-78TOOH w/tbg, pkr & plug.
ND tree, NU BOP's; Released pkr, TIH & release RBP;
Set RBP @ 7500'; RBP failed @ 3500# & 2 BPM;
Retrieve RBP & TOOH.

CIGE 21-15-10-22 (NBU)
 Bitter Creek Field
 Uintah County, Utah
 AFE: 19355 WI: 100%
 ATD: 8800' SD: 4-9-77
 CIGE, Inc., Oper
 Anderson Drilling, Contr.
 13-3/8" @ 89'; 9-5/8" @ 2531';
 5 1/2" @ 8788'
 Perfs: 8509'-8513' (5 shots)

TD: 8788'
 PBD: 8757'

9-24-78 Flowing to pit, on 20/64" ck.
 FTP 25#. Flowing 1/2" stream of
 water, no gas.

TD: 8788'
 PBD: 8757'

9-25-78 Flow to pit on 20/64" ck.
 FTP 25#. Flowing 1/2" stream
 of wtr, no gas.

TD: 8788'
 PBD: 8757'

9-26-78 Flowing to pit on 18/64" ck.
 FTP 25#. 2 to 3 gals wtr every 8 min, GTSTM.

TD: 8788'
 PBD: 8757'

9-27-78 Flowing to pit on 20/64" ck.
 FTP 10#. 14 BWP (4 gals wtr/10 min) w/GTSTM.

TD: 8788'
 PBD: 8757'

9-28-78 Flow to pit on 20/64" ck.
 FTP 10#, SICP 0. 5 gals wtr/15 min (11 BWP),
 w/GTSTM.

TD: 8788'
 PBD: 8757'

9-29-78 Flowing to pit on 20/64" ck.
 FTP 20#. 13 BWP, w/GTSTM.

CIGE 21-15-10-22 (NBU)

Bitter Creek Field

Uintah County, Utah

AFE: 19355 WI: 100%

ATD: 8800' SD: 4-9-77

CIGE, Inc., Oper

Anderson Drilling, Contr.

13-3/8" @ 89'; 9-5/8" @ 2531';

5 1/2" @ 8788'

Perfs: 8509'-8513' (5 shots)

TD: 8788'

PBD: 8757'

9-17-78 NO REPORT

TD: 8788'

PBD: 8757'

9-18-78

RU Gibson Well Service.

Prep to re-set RBP & press test 5 1/2" csg to test 4t zone for DOE.

TD: 8788'

PBD: 8757'

9-19-78

POOH w/tbg & plug

Finished RU WO Rig; Kill well w/50 BW; ND tree, NU BOP; PU 2 jts 2-7/8" tbg; Latch onto RBP; Release plug; Pulled up to 7775'; Wouldn't test to 5000#; Re-set plug @ 7770'; Wouldn't test to 5000#; Retrieve RBP & POOH.

TD: 8788'

PBD: 8757'

9-20-78

Prep to brk dwn perf w/Howco.

Finished POOH w/pkr & didn't recover plug; TIH & latch onto plug; POOH w/same; PU RBP, TIH to 7775'; set same; Set pkr @ 7500'; Test to 5000#, OK; ND BOP's; NU tree: Swab in well.

TD: 8788'

PBD: 8757'

9-21-78

TIH w/pkr.

RU OWP; Run GR Short Strip Log; Perf 1 SPF @ 7741', 7742', 7743' & 7744'; RU Howco & brkdwn well w/3% KCl wtr; Pump into formation @ 9600# - pkr failed; NOTE: Held 4500# on annulus; ND tree, NU BOP's; POOH w/pkr.

TD: 8788'

PBD: 8757'

9-22-78

Flowing to pit on 20/64" ck.

Finished TOOH w/Baker "R" Pkr; PU Baker Retrieveamatic Pkr; TIH to 7500'; Set pkr w/40,000# compression.

Test to 5000#; RU Howco to brkdwn well pump 5450 gals 3% KCl w/10 RCN ball sealers; Couldn't ball out well. Max press 9500#, Avg press 9300#, AIR 9 BPM. ISIP 2600#, 5 min 2350#, 10 min SIP 2250#, 15 min SIP 2230#. Flow to pit on 20/64" ck. 1 hr FTP 250#, w/2" stream of wtr. Well SI @ 6 PM, 9-21-78. SITP 750 psi, SICP 0 psi. @ 8 AM, 9-22-78 opened well on 20/64" ck. Flowing 2" stream of wtr.

TD: 8788'

PBD: 8757'

9-23-78

Flowing to pit.

FTP 75#. Flowing 1 1/2" stream wtr to pit, GTSTM.

CIGE 21-15-10-22 (NBU)

Bitter Creek Field

Uintah County, Utah

AFE: 19355 WI: 100%

ATD: 8800' SD: 4-9-77

CIGE, Inc., Oper

Anderson Drilling, Contr.

13-3/8" @ 89'; 9-5/8" @ 2531'; 8-28-78

5 1/2" @ 8788'

Perfs: 8509'-8513' (5 shots)

Flowing thru test equipment.

FTP 50 psi w/pkr, SICP 50 psi on 20/64" ck.

15 BWPD, gas - TSTM.

8-29-78

Flowing well to pit, on 18/64" ck.

FTP 50#. Est 20 BWPD, gas - TSTM.

8-30-78

FTP 50#, SICP 0#, on 18/64" ck.

20 BWPD + Gas TSTM.

8-31-78

Prep to SI well.

Well dead; Open to pit on 18/64" ck.

FTP 0, w/pkr, SICP 0. Transfer to back page.

TD: 8788'

PBSD: 8757'

9-7-78

Last report was 8-31-78.

Open to pit on 18/64" ck.

SITP 1750#, w/pkr, SICP 0.

Opened well to pit on 18/64" ck @ 10 AM, 9-6-78.

FTP 100 psi after 10 min - no fluid. Well left open overnite.

9-8-78

Flowing thru test separator on 18/64" ck.

FTP 100, SICP 0. 40 BWPD w/GTSTM

9-9-78

FTP 50#, on 18/64" ck.

40 BWPD w/GTSTM.

9-10-78

NO REPORT

9-11-78

Flow to pit thru test separator on 18/64" ck

FTP 50#. 20 BWPD w/GTSTM.

9-12-78

Flow to test separator on 18/64" ck.

FTP 50#. 26 BWPD, w/GTSTM.

9-13-78

Flowing to test separator on 18/64" ck.

FTP 50#. 24 BWPD w/GTSTM.

9-14-78

Flowing thru test separator on 18/64" ck.

FTP 50#. 24 BWPD & GTSTM.

9-15-78

Flowing thru test separator on 18/64" ck.

FTP 50#. 18 BWPD + GTSTM.

CIGE 21-15-10-22 (NBU)

Bitter Creek Field

Uintah County, Utah

AFE: 19355 WI: 100%

ATD: 8800' SD: 4-9-77

CIGE, Inc., Oper

Anderson Drilling, Contr.

13-3/8" @ 89'; 9-5/8" @ 2531'; TD: 8788'

5 1/2" @ 8788' PBSD: 8757'

Perfs: 8509'-8513' (5 shots)

9-16-78

Flowing thru test separator on 18/64" ck.

FTP 50#. Gas TSTM w/22 BWPD.

SCOTT M. MATHESON
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

I. DANIEL STEWART
Chairman

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

May 14, 1979

Gas Producing Enterprises, Inc.
P. O. Box 749
Denver, Colorado 80201

Re: Well No. Natural Buttes Unit #21
Sec. 15, T. 10S, R. 22E,
Uintah County, Utah
PLEASE NOTE: A WELL COMPLETION FORM
IS STILL NECESSARY ON THIS TEMP. WELL
ABANDONED WELL.

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above referred to well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Kathy Ostler
KATHY OSTLER
RECORDS CLERK

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other		
1b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other
2. NAME OF OPERATOR Gas Producing Enterprises, Inc.							
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, Colorado 80201							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1021' FNL & 1048' FEL, Section 15, T10S, R22E At top prod. interval reported below Same as Above At total depth Same as Above							
14. PERMIT NO. 43-047-30255				DATE ISSUED 1-31-77			
15. DATE SPUDDED 4-9-77		16. DATE T.D. REACHED 11-9-77		17. DATE COMPL. (Ready to prod.) 1-4-79		18. ELEVATIONS (DV, REE, RT, GR, ETC.)* 4850' Ungr. Gr.	
19. ELEV. CASINGHEAD Unknown		20. TOTAL DEPTH, MD & TVD 8788'		21. PLUG, BACK T.D., MD & TVD 6440'		22. IF MULTIPLE COMPL., HOW MANY* N/A	
23. INTERVALS DRILLED BY 89' - TD		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* * TA as uneconomical in MesaVerde; evaluate for recompletion in Wasatch		25. WAS DIRECTIONAL SURVEY MADE YES		26. TYPE ELECTRIC AND OTHER LOGS RUN See Attached	
27. WAS WELL CORED YES							
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
13-3/8"	61#	89'	18"	150 SX			
9-5/8"	36#	2351'	12-1/4", 8 1/2"	1250 SX			
5-1/2"	20#	8788'	7-7/8"	4170 SX			
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)			
					30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					NO TUBING IN HOLE		
31. PERFORATION RECORD (Interval, size and number) SEE ATTACHED				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED SEE ATTACHED (WELL NOT FRACED)			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS LOG LIST, PERFORATION RECORD, CORE ANALYSIS, WELL RECORD.							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED Frank R. Midkiff		TITLE District Superintendent				DATE May 29, 1979	

*(See Instructions and Spaces for Additional Data on Reverse Side)

ATTACHMENT #1
DEPARTMENTAL CORRESPONDENCE

DATE FEBRUARY 8, 1978

SUBJECT LIST OF LOGS RUN OR COMPUTED ON CIGE 21-15-10-22

To F. R. MIDKIFF DEPT PRODUCTION

FROM R. G. MERRILL *RG M* DEPT PRODUCTION

<u>Company</u>	<u>Log Type</u>	<u>Depths</u>		<u>Remarks</u>
		<u>From</u>	<u>To</u>	
<u>Schlumberger</u>	DLL w/MSFL	2530'	- 8786'	Open Hole
	FDC-CNL-GR	2530'	- 8787'	Open Hole
	Dipmeter/FIL	4400'	- 8784'	Open Hole
	BHC-Sonic-GR	2530'	- 8779'	Open Hole
	TDT-CNL-GR	3805'	- 8705'	Cased Hole
	Long-Spaced Sonic	2430'	- 8700'	Cased & Open Hole
	CBL-GR	1700'	- 8705'	Cased Hole
	Saraband	2647'	- 8750'	Computed
<u>The Analysts</u>	Instantaneous Drilling Evaluation Log	2600'	- 8800'	Mud Log
<u>Dresser-Atlas</u>	Spectra Log	100'	- 8777'	
	Densilog-Neutron	2526'	- 8779'	Open Hole
	MLL	2524'	- 8775'	Open Hole
	DLL	2526'	- 8778'	Open Hole
	BHC - Acoustilog	2527'	- 8768'	Open Hole
	DD-NLL	100'	- 8769'	Open Hole
	Epilog	2550'	- 8720'	Computed

ATTACHMENT #1

RGM/pab

ATTACHMENT #2
PERFORATION RECORD

NATURAL BUTTES UNIT #21
(CIGE 21-15-10-22)

1) Perf w/1 SPF:

8509'	8512'
8510'	8513'
8511'	Total 5 holes.

Break down w/65 bbls 3% KCl w/8 RCN ball sealers.

2) Perf w/1 SPF:

8474'	8480'
8476'	8482'
8478'	Total 5 holes.

Break down w/3% KCl water.

3) Perf w/1 SPF:

8201'	8204'
8202'	8205'
8203'	Total 5 holes.

Break down w/2500 gals 2% KCl water + 10 RCN ball sealers.

4) Perf w/1 SPF:

7741'	7743'
7742'	7744'
	Total 4 holes.

Break down w/3% KCl water

5) Perf w/1 SPF:

7565'	7568'
7566'	
7567'	Total 4 holes.

Break down w/1000 gals 7-1/2% MSR acid.

6) Perf w/1 SPF:

6486'	6489'
6487'	6490'
6488'	Total 5 Holes.

Break down w/1000 gals 7-1/2% WFC-1 acid.

CIBP set @ 6450'; dumped 2 sx cmt plug on top BP. PSTD = 6440'

ATTACHMENT #3

CIG EXPLORATION, INC.
NATURAL BUTTES #21
Section 15-T10S-R22E
Uintah County, Utah

CORE NO. 1

4389-4451

Cut 62'

Recovered 54'

4389 - 4403.3	Shale, lt gray, silty, sl. calc.
4403.3 - 4415.8	SS, lt gray, silty, vfg-fg, sl. calc., fair \emptyset , SA-SR mod. well-sorted. SS becoming slight red tint toward base & finer grained.
4415.8 - 4424.2	Sh, lt gray, some lt red tint, v silty, gradational w/overlying sand, calc, has some v thin sandy patches. Lt gray & lt red colors gradational, becoming more lt red at base.
4424.2 - 4428.1	Shale, gray, calc, silty.
4428.1 - 4432.0	Sltst, lt gray to lt red shades, sl calc, clayey.
4432.0 - 4434.7	Sltst to vfg SS, v lt gray, calc, WS, SA-SR, tight.
4434.7 - 4441.8	Shale, lt gray, calc, silty.
4441.8 - 4443.0	SS, lt gray, vfg, v silty, WS, SA, tight.

CORE NO. 2

4452-4508.5

Cut 56.5'

Recovered 58'

4452 - 4454.6	Lt gray shale, silty, non-calc.
4454.6 - 4461.7	Lt gray SS, vfg, sl calc, v silty, WS, SA, poor to fair \emptyset , gradational w/overlying shale.
4461.7 - 4463.5	Shale, gray, non-calc, silty, gradational above & below.
4463.5 - 4490.5	SS, lt gray, v silty, vfg, gradational, sl calc, fair \emptyset , WS, SA, grades into underlying shale.
4490.5 - 4510	Shale, gray, sl calc. locally silty.

CORE NO. 3

6350-6383

Cut 33'

Recovered 33'

- 6350 - 6368 Shale, dk gray, sl calc, locally carb or coaly, especially 6365-6367.
- 6368 - 6369 SS, vfg, lt gray, sl calc, clay-rich, tight, SA, wet.
- 6369 - 6382 Shale, dk gray, locally silty in patches, burrows present.
- 6382 - 6383 SS, white to lt gray, vfg-fg, clay-rich, sl calc, fair \emptyset , thin gray shale interbeds.

Local fractures in whole core. Frac vertical.

No coring time breaks, gas units 200-360 with no significant shows.
No conn. gas. 2' flare while coring. 31,000-68,000 ppm C₁ gas.
MW 9.4-9.6 during coring.

CORE NO. 4

6302.8 - 6413.6

Cut 30.8'

Recovered 26.0' (bbl jammed)

- 6382.8 - 6383.5 SS, vfg, white to lt gray, sl calc, poor \emptyset , tight.
- 6383.5 - 6405.7 Shale, med-dk gray, coaly, locally v int, hairline fractures.
- 6405.7 - 6408.2 SS, vfg, white to lt gray, sl calc, poor \emptyset , clay-filled, locally coaly, locally crossbedded, burrows.
- 6408.2 - 6408.8 Sltst, grading into sd above.

Sperry orient. equipment failed.

CORE NO. 5

6413.6 - 6452.4

Cut 38.8'

Recovered 35.3'

- 6413.6 - 6414.7 Sltst, lt gray, locally sandy.
- 6414.7 - 6423.3 Shale, med-dk gray, coaly, sl calc.
- 6423.3 - 6425.5 SS, vfg to sltst, lt gray, sl calc, hard & tight, poor \emptyset .
- 6425.5 - 6448.9 Shale, med-dk gray, v silty to locally sandy, locally v coaly, horizontal fractures & burrowed.

No core time breaks. Background or gas units varied from 40-280 units.

CORE NO. 6

6452.4 - 6478.7

Cut 26.3' Recovered 24.7'

- 6452.4 - 6460.2 Shale, lt-dk gray, v silty, locally sl calc, locally coaly some burrows.
- 6460.2 - 6464.1 SS, vfg, white to lt gray, silty, WS, poor-fair \emptyset , locally thin shaly intervals, some clay fill, tight.
- 6464.1 - 6470.6 Shale, lt gray, v silty, grading to overlying SS, sl calc, burrowed.
- 6470.6 - 6477.1 SS, vfg-fg, WS, lt gray, fair \emptyset , fair perm, very little clay fill, sl calc, some horizontal fracs & burrows much fg at base where tight. (This was best sand in this overall interval.) Also slight gas increase 400-480-280 in interval.

CORE NO. 7

6478.7 - 6509

Cut 30.3' Recovered 31.4' NOTE: 1.4' believed from bottom of Core #6.

- 6478.7 - 6489.8 Shale, lt-dk gray, silty, locally coaly, sl calc, horizontal fracs, burrowed.
- 6489.8 - 6507.9 SS, vfg-fg, white to light gray, WS, poor-fair \emptyset & perm, some clay fill, some v thin dk shale interbeds, cross-bedded, locally hairline horizontal fracs.
- 6507.9 - 6510.4 Shale, as above.

Drilling break 6489-6505. 30" down to 12 min. Gas 100-140 units but not significant.

CORE NO. 8

7400 - 7452.6

Cut 52.6' Recovered 42.6'

- 7400 - 7402.9 Shale, lt-dk gray, v coaly, locally silty, locally sandy, horizontal fracs.
- 7402.9 - 7404.0 SS, vfg, silty, clayey, locally carb, tight.
- 7404.0 - 7423.4 Shale, as above.
- 7423.4 - 7427.8 SS, as above.
- 7427.8 - 7428.5 Shale, as above.
- 7428.5 - 7432.3 SS, as above.
- 7432.3 - 7442.6 Shale, as above. TOTAL: 9' of sandstone.

CORE NO. 9

7452.6 - 7495.9

Cut 43.3'

Recovered 43.3'

7452.6 - 7469.7	Shale, coarse, med-lt gray, silty, coaly, locally sandy.
7469.7 - 7471.4	SS, white to lt gray, vfg, silty, coaly, tight.
7471.4 - 7473.4	Shale, as above.
7473.4 - 7477.0	SS, as above, v shaly, locally coaly.
7477.0 - 7480.7	Shale, as above.
7480.7 - 7483.0	SS, as above.
7483.0 - 7495.9	Shale, as above.

TOTAL: 7' of sandstone.

CORE NO. 10

7495.9 - 7555.0

Cut 59.1'

Recovered 59.1'

7495.9 - 7529.7	Shale, med-dk gray, v coaly, silty, locally sandy, few horizontal frags.
7529.7 - 7530.7	SS, vfg, lt gray, v silty, tight.
7530.7 - 7556.5	Shale, as above.

CORE CHIP LITHOLOGY

8422 - 23	SS, vfg-fg, WS, poor \emptyset & perm, lt gray
8424 - 30	Shale, dk gray to black, v silty, locally coaly
8431 - 32	Siltst, lt gray, more sandy at base, v shaly (laminated)
8433 - 48	SS, lt gray, vfg-fg, WS, Poor \emptyset & perm, S & P, many thin shale laminations, \emptyset improves near base
8449	Shale, AA, v silty
8450 - 58	SS, lt gray vfg-fg, WS, numerous dk gray shale laminations, locally coaly, poor \emptyset & perm.
8459	Siltst, AA
8460 - 78	SS, vfg-fg, lt gray, poor \emptyset & perm, many dk gray shale laminations, WS, locally coaly, v many shale lam @ 8467-8471 & 8474-8478
8479 - 83	Shale, dk gray to black, silty, AA
8484	SS AA
8485	Shale AA
8486	SS AA
8487	Coal
8488 - 89	Shale, v sandy & transitional, dk-lt gray
8490 - 95	SS AA, no shale lam seen, vfg-fg at top, grading to fg-mg at base, local fair \emptyset & perm
8496 - 8503	Coal, v shaly, gradational to dk gray to black shale at base, sandy lam at base
8504 - 09	Shale, dk gray to black, locally v coaly, silty
8510 - 15	SS, lt gray, vfg-fg, almost 50% shale laminations, very tight
8516 - 54	SS AA, 8518-shale lam, most fg-mg, poor to fair \emptyset & perm, many local shale lam, especially @ 8538-54. (Probably laminated SS & shale throughout.)
8555 - 56	Shale AA, much silt to SS lam
8557 - 59	Siltst, lt gray, about 50% shale lam
8560 - 64	Shale, dk gray to black, silty @ 8562

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)Form approved
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-025187

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES

9. WELL NO. (CIGE 21-15-10-22)

NATURAL BUTTES UNIT NO. 21

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SECTION 15, T10S, R22E

14. PERMIT NO.

43-047-30255

15. ELEVATIONS (Show whether DP, RT, GR, etc.)

4850' UNGR. GR.

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

Recomplete in Wasatch

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WELL WAS TEMPORARILY ABANDONED AS UNPRODUCTIVE IN THE MESAVERDE. IT IS PROPOSED
TO FOLLOW THE ATTACHED PROCEDURE TO RECOMPLETE THE WELL IN THE WASATCH.APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: 7-25-79

BY: M. J. Midkiff

18. I hereby certify that the foregoing is true and correct

SIGNED

F. R. Midkiff

TITLE District Superintendent

DATE 7/9/79

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

COMPLETION PROCEDURE

CIGE #21-15-10-22
BITTER CREEK FIELD
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH

June 15, 1979

WELL DATA

TD: 8788'
PBTD: 6440' (CIBP capped w/ 2 sx cement)
Casing: 5½" X 20# X N-80 CSA 8788'. Did not
circulate cement at surface. CBL shows
good bond 8713'-1700'.
Depth Reference: Schlumberger FDC-CNL log dated 11/10/77.

WELL STATUS

Temporarily abandoned.

PROCEDURE

- (1) Test casing to 6000 psi.
- (2) Perforate the following intervals with 4" casing gun with
1 JSPF:

4406'	4574'	4716'
4408'	4580'	4724'
4556'	4592'	6082'
4562'	4708'	6084'
4568'	4712'	6086'

Total: 15 holes

- (3) Acidize with 2250 gallons 7½% MSR-100 acid (Dowell) or
equivalent down 5½" casing with 28 RCN ballsealers spaced
evenly throughout job. All acid should contain ¾ gal./100 gal.
clay stabilizer. Maximum rates and pressures should be 5-6 BPM
and 6000 psi, respectively.
- (4) Shut in 30 minutes. Open to pit. Flow test until cleaned up.
- (5) Frac, if necessary after cleanup, down 5½" casing with 70,000
gal. 40# high residue complexed guar gel and 150,000# 20/40
sand, as follows:

COMPLETION PROCEDURE
CIGE #21-15-10-22
Bitter Creek Field
Natural Buttes Unit
Uintah County, Utah
June 15, 1979
Page 2

- A. Pump 10,000 gal. gel pad.
- B. Pump 15,000 gal. gel w/ 1 ppg 20/50 sand.
- C. Pump 15,000 gal. gel w/ 2 ppg 20/40 sand.
- D. Pump 15,000 gal. gel w/ 3 ppg 20/40 sand.
- E. Pump 15,000 gal. gel w/ 4 ppg 20/40 sand.
- F. Flush to top of perms with 2% KCl water.

Notes:

- (a) All frac fluid 2% KCl base.
 - (b) $\frac{1}{2}$ gal./1000 gal. surfactant.
 - (c) Maximum rate = 42 BPM.
 - (d) Maximum pressure = 6000 psi.
 - (e) HHP = 6175 (estimated @ maximum rate and pressure).
 - (f) Frac fluid temperature = 60°F (minimum).
- (6) Shut in 24 hours.
 - (7) Flow well back. Notify CIG to test well after cleanup.
 - (8) Obtain static BHP prior to initial production.

PREPARED BY:

Kim L. Smith

K. L. Smith
Area Engineer

DATE: 6/19/79

APPROVED BY:

F. R. Midkiff

F. R. Midkiff
District Superintendent

DATE: 6/19/79

KLS/ch

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions
reverse side)Form approved
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

U-025187

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES

9. WELL NO. (CICE 21-15-10-22)

NATURAL BUTTES UNIT NO. 21

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SECTION 15, T10S, R22E

14. PERMIT NO.

43-047-30255

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4850' UNGR. GR.

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

SUBSEQUENT REPORT OF:

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

CHANGE FLOW LINE SIZE

FROM:

2" (2-3/8" OD X .125 W.T., Grade X-42 EW)

TO:

4" (4 1/2" OD X .25 W.T., Grade X-42 EW)

These changes will not result in any changes to the typical wellhead installation or to the typical connection to main lines submitted with original pipeline hookup plans.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MININGBy M. J. SticklandDate 7-27-79

18. I hereby certify that the foregoing is true and correct

SIGNED

J. M. Stickland

TITLE Area Engineer

DATE 7/16/79

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate
(Other instructions on
reverse side)Form approved
Budget Bureau No. 42-R1424.

6. LEASE DESIGNATION AND SERIAL NO.

U-025187

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES

9. WELL NO. (CIG 21-15-10-22)

NATURAL BUTTES UNIT NO. 21

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK FIELD

11. SEC. 2, 3, 4, 5, 6, OR BLM, AND
SURVEY OR AREA

SECTION 15, T10S, R22E

1.

OIL
WELL ☐ GAS
WELL ☒ OTHER

2. NAME OF OPERATOR

GAS PRODUCING ENTERPRISES, INC.

3. ADDRESS OF OPERATOR

P. O. BOX 749 - DENVER, COLORADO

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)

At surface

1021' FNL & 1048' FEL, SECTION 15, T10S, R22E

14. PERMIT NO.

43-047-30255

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

4850' UNGR. GR.

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

Recomplete in Wasatch

☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

☐
☐
☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

This well was completed in the Mesaverde formation and temporarily
abandoned. Recompletion of the Wasatch is recommended based on
favorable indications of commercial gas in this well and on offset
production. Please see attached proposed procedure.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: 3/22/80

BY:

M. J. Smith

RECEIVED

MAR 27 1980

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

K. L. Smith

TITLE

Area Engineer

DATE

3/25/80

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

COMPLETION PROCEDURE

CICE #21-15-10-22
BITTER CREEK FIELD
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH

March 25, 1980

WELL DATA

TD: 8788'
PBTD: 6440' (CIBP capped w/ 2 sx cement)
Casing: 5½" X 20# X N-80 CSA 8788'. Did not
circulate cement at surface. CBL shows
good bond 8713'-1700'.
Depth Reference: Schlumberger FDC-CNL log dated 11/10/77.

WELL STATUS

Temporarily abandoned.

PROCEDURE

- (1) Test casing to 6000 psi.
- (2) Perforate the following intervals with 4" casing gun with
1 JSPF:

4406'	4574'	4716'
4408'	4580'	4724'
4556'	4592'	6082'
4562'	4708'	6084'
4568'	4712'	6086'

Total: 15 holes

- (3) Acidize with 2250 gallons 7½% MSR-100 acid (Dowell) or
equivalent down 5½" casing with 28 RCN ballsealers spaced
evenly throughout job. All acid should contain ¾ gal./100 gal.
clay stabilizer. Maximum rates and pressures should be 5-6 BPM
and 6000 psi, respectively.
- (4) Shut in 30 minutes. Open to pit. Flow test until cleaned up.
- (5) Frac, if necessary after cleanup, down 5½" casing with 70,000
gal. 40# high residue complexed guar gel and 150,000# 20/40
sand, as follows:

COMPLETION PROCEDURE
CIGE #21-15-10-22
Bitter Creek Field
Natural Buttes Unit
Uintah County, Utah

Page 2

- A. Pump 10,000 gal. gel pad.
- B. Pump 15,000 gal. gel w/ 1 ppg 20/50 sand.
- C. Pump 15,000 gal. gel w/ 2 ppg 20/40 sand.
- D. Pump 15,000 gal. gel w/ 3 ppg 20/40 sand.
- E. Pump 15,000 gal. gel w/ 4 ppg 20/40 sand.
- F. Flush to top of perfs with 2% KCl water.

Notes:

- (a) All frac fluid 2% KCl base.
 - (b) $\frac{1}{2}$ gal./1000 gal. surfactant.
 - (c) Maximum rate = 42 BPM.
 - (d) Maximum pressure = 6000 psi.
 - (e) HHP = 6175 (estimated @ maximum rate and pressure).
 - (f) Frac fluid temperature = 60°F (minimum).
- (6) Shut in 24 hours.
 - (7) Flow well back. Notify CIG to test well after cleanup.
 - (8) Obtain static BHP prior to initial production.

PREPARED BY:

K. L. Smith

K. L. Smith
Area Engineer

APPROVED BY:

F. R. Midkiff

F. R. Midkiff
District Superintendent

KLS/ch

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR
CIG Exploration, Inc.
3. ADDRESS OF OPERATOR
P. O. Box 749, Denver, Colorado 80201
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1021' FNL & 1048' FEL
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

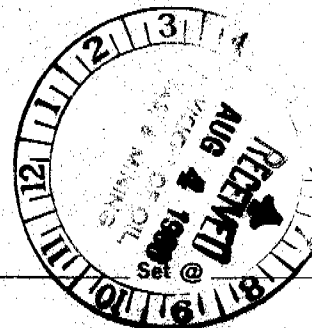
REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Temporarily Abandon</u>		

5. LEASE
U-025187
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A
7. UNIT AGREEMENT NAME
Natural Buttes Unit
8. FARM OR LEASE NAME
Natural Buttes
9. WELL NO. CIGE 21-15-10-22
(Natural Buttes Unit #21)
10. FIELD OR WILDCAT NAME
Natural Buttes Field
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 15-T10S-R22E
12. COUNTY OR PARISH Uintah 13. STATE Utah
14. API NO.
43-047-30255
15. ELEVATIONS (SHOW DF, KDB, AND WD)
4850' Ungr. Gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well was originally completed in Mesaverde and temporarily abandoned as uneconomical. Well was recompleted in Wasatch (See attached chronological report), however, because of excessive water production well will be temporarily abandoned in Wasatch as uneconomical.



Subsurface Safety Valve: Manu. and Type _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED F. R. Midkiff TITLE Production Superintendent DATE July 30, 1980

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

CIGE 21-15-10-22 (NBU)

Bitter Creek Field

Uintah County, Utah

TD: 8788'

AFE: 19355 WI: 100%

ATD: 8800' SD: 4-9-77

CIGE, Inc., Oper.

Anderson Drlg, Contr.

13-3/8" # 89'; 9-5/8" @ 2531';

5 1/2" @ 8788';

7-2-80

Flw to pit.

FTP 125, SICP 325, 14/64" choke, 125 MCFD, 34 BWDP.

7-3-80

Flw to pit.

FTP 125, SICP 325, 14/64" choke, 125 MCFD, 34 BWDP.

7-8-80

Flw to pit.

FTP 100, SICP 325, 14/64" choke, flw 100 MCFD, 22 BW.

CIGE 21-15-10-22 (NBU)

Bitter Creek Field

Uintah County, Utah

AFE: 19355 WI: 100%

ATD: 8800' SD: 4-9-77

TD: 8788'

CIGE, Inc., Oper.

Anderson Drlg, Contr.

13-3/8" @ 89'; 9-5/8" @ 2531';

5 1/2" @ 8788';

- 6-1-80 Flw to pit.
Flw 1.5 MMCFD & 10-20 BWPD w/FTP 950 on 17/64" ck. SICP 1450.
- 6-3-80 Flw to pit.
SI hauling wtr out of pit. SITP 1700, SICP 1825; Opn to pit on 17/64" ck to finish cleanup.
- 6-4-80 Flwg to pit on 17/64" ck.
17 hr flw tst; flwd @ rate of 1,500 MCFD 1025 FTP, 1375 SICP. Tank gauge 168 BF.
- 6-5-80 Flw to pit
Flw 1.5 MMCFD & 90 BW/24 hrs w/1025 FTP on 17/64" ck. SICP 1375.
- 6-6-80 Flw to pit.
Flw 1.4 MMCFD & 65 BW/24 hrs w/FTP 1010 on 17/64" ck. SICP 1275.
- 6-9-80 Flwg to pit.
6-7-80: Flwg to pit 17/64" ck. FTP 935 SICP 1175; Est 1350 MCFD.
w/65 BWPD. 6-8-80: Flwg to pit 17/64" ck. FTP 900 psi, SICP 1150; Est 1300 MCFD
w/65 BWPD. Note: Wtr production exceeds unit capacity. Will tst wtr for CI.
- 6-10-80 Flw to pit
Flw 1.25 MMCFD & 55 BW/24 hrs w/850 FTP on 17/64" ck. SICP 1050.
- 6-13-80 SITP 1400, SICP 1400. Prep to run production logs.
- 6-24-80 Prep to POOH;
FTP 700, SICP 1025 on 14/64" choke, 800 MCFD, 130 BWPD; SI; RUSU.
- 6-25-80 Prep to swb;
Travel; kill well w/75 bbl 10# brine; ND tree; NU BOPs; pull 2-3/8" tbg; pull 90 jnts; gas kick; kill w/50 BW; RU GO; run gauge ring to 4550'; gas kick; kill w/50 BW; RD GO; TIH w/stinger, 1 jnt, SN & tbg; SN @ 4227'; tbg @ 4257 w/10' blast jnt on top; ND BOPs; NU tree; RU to swb. SDON. Set retainer at 4510'.
- 6-26-80 Flw to pit.
FTP 200, SICP 450, 14/64" choke; 100-200 MCFD; unloading wtr.
- 6-29-80 Flw to pit.
FTP 150, SICP 350, 14/64" choke; 150 MCFD; 34 BWPD.
- 6-30-80 Flw to pit.
FTP 100, SICP 300, 14/64" choke; 100 MCFD, 40 BWPD.

GIGE 21-15-10-22 (NBU)

Bitter Creek Field

Uintah County, Utah

AFE: 19355 WI: 100%

ATD: 8800' SD: 4-9-77

TD: 8788'

CIGE, Inc., Oper.

Anderson Drlg, Contr.

13-3/8" @ 89'; 9-5/8" @ 2531';

5 1/2" @ 8788';

5-15-80 cont'd

RUN	FL	SWB DEPTH	REC
1	700	2300	2
2	2000	3500	5
3	3500	4800	3
4	?	6000	1
5	5000	6000	1
6	?	6000	0

RD Swb; Rel RBP & RTTS; load hole. Set RBP @ 4728.80' & RTTS @ 4689.15'.

Csts: \$22,776.

5-16-80 Swb perfs 4556, 62, 68, 74, 80, 92'.

Opn to pit ON on 16/64" ck (perfs 4708-4724'); FTP 175, SICP 500.

Flw 2 BW overnite. Made 9 swb runs; Rec 35.19 BF (15 BLW) IFL = 0, FFL = 4100'.

Would not swb dwn. Re-set RBP @ 4606.82' & RTTS @ 4536.30'. RU swb; IFL 700',

1st swb to 2500'; Rec 4 BW. Well flw 5 BW, 2nd swb 1800'-3000'; Rec 2 BF & no gas.

SDON. Opn on 16/64" ck. Csts: \$26,031.

5-19-80 Prep set CIBP @ 4660'.

travel; Flw TP 0, SICP 0 on 16/64" ck, 10 swb runs. Rec 21.25 BW, IFL 300,

FFL 4300', Swb dry. Rel RBP & pkr. POOH. TIH w/16 stds. SI till Monday morning.

SD for Sunday. Csts: \$33,353.

5-20-80 Swb.

Travel; 100 SICP, 100 FTP 16/64" kill well w/40 BW. 1 gas kick. Pmp 10 BW.

Finish TOOH w/16 stds. RU GO; TIH w/CIBP @ 4660' KB. RD GO. RU TIH w/2-3/8" notch

collar, 1 jt 2-3/8 tbg, SN, & 141 jts. Tbg landed @ 4316.27' SN @ 4283.08'. ND BOP's

& NU tree. (10' blast jt on top). RU to swb. SDON. (this AM 25 FTP on 16/64",

100 SICP. Flw 1 BW & GTSTM overnight). Csts: \$46,238.

5-21-80 Travel.

Swb. 1 FL 400'; FFL 4500' Rec 62.8 BW. Swb dry. Csts: \$44,063.

5-22-80 SITP 1525, SICP 1525.

RD Utah Rent tools; Rig Rel 5-21-80. Csts: \$45,463.

5-28-80 Flw to pit.

SITP 1900, SICP 1925, Opn on 15/64" ck. FTP 1200 & SICP 1235/35 min.

Est 1.787 MMCFD & no wtr. Trying to ice up.

5-31-80 SITP 600, SICP 600. Prep to opn to pit after frac.

Tst lines to 6000 psi. Pmp 10,000 gal 40# gel pad, 28,000 gal 40# gel

w/70,000# 20/40 SN. Flush to perfs w/2% KCl. MTP 5800. ATP 5250 @ AIR 41 BPM.

ISIP 2050. 10 min 1650. 15 min 1600. SION. Csts: \$86,871.

CIGE 21-15-10-22 (NBU)

Bitter Creek Field

Uintah County, Utah

AFE: 19355 WI: 100%

ATD: 8800' SD: 4-9-77

CIGE, Inc., Oper

Anderson Drilling, Contr.

13-3/8" @ 89'; 9-5/8" @ 2531';

5 1/2" @ 8788'

Perfs: 7741'-7744' (4 shots)

TD: 8788'

RBP @ 7775'

1-3-78

Last report was 12-1-78.

Prep to finish pulling 2-7/8" tbg & pkr.

MI & RU. Thaw out wellhead. ND tree, NU BOP. LD 180 jts 2-7/8" tbg. SIFN

1-4-79

Well TA - Study for Re-completion.

Bled well press dwn to 0. Finish LD 30 jts 2-7/8" tbg & Baker pkr; RU GOI & set CIBP @ 6450'; Dumped 2 sx cmt plug on T/BP; ND BOP's, NU tree; SI well & released Monument Well Service; This completes DOE Test Program; Will study for re-completion in Wasatch. - Drop from report.

3-25-80 TD 8788'; PBTD 6440'. Flw well to pit 16/64" ck. 30 psi FCP, wtr & gas.

Rec 90 BLW. 150 BLWTR. RU Western. Tst csg & master valve to 6000 psi/5 min. RD Western; RU OWP & perf 5 1/2" csg w/3-3/8" csg gun w/1 JSPF: 4398', 4400', 4548', 4554', 4560', 4566', 4572', 4584', 4700', 4704', 4708', 4716', 6078', 6080', 6082'. Cased hole meas correlated to opn hole log. No inc in press. RD OWP. RU Western acidized perfs w/2250 gals 7 1/2% WFC-1 w/28 BS. Balled out 6000 psig. ISIP 1500 psi, 5 min 1450 psi, 10 min 1400 psi. AIR 4.2 BPM, MTP 600, ATP 2500. RD Western. Opn 16/64" ck, 1100 psi FCP. Dec to 100 psi/20 min. Flw 2" stream to pit. Csts: \$9719.

3-26-80 FCP 30 psi 16/64" ck, Flw 65-70 BWPD GTSTM. 105 BLWTR.

3-27-80 Flw well to tst tank FCP 30 psi on 16/64" ck. GTSTM & 107 BWPD. Rec all acid & 161 BNW. Wtr sample will be collected today.

3-28-80 FCP 30 psi 16/64" ck. GTSTM 51 BNW/24 hrs. Wtr sample to Western for analysis.

3-31-80 Flw 22 BW/24 hrs w/GTSTM w/50 psi FCP on 16/64" ck.

5-13-80 TD 8788'; PBTD 6440'; Finish TIH to tst perfs 6078-6080-6082'. Travel; NU to kill well w/50 bbls form wtr; ND tree. NU BOP's. PU RBP & RTTS, 1 jt SN & TIH w/2-3/8" tbg. well kicked. SDON. WO 10 ppg brine. Csts: \$16,091.

5-14-80 Prep to swb perfs 6078-6080-6082'. Travel; SICP 400 psi. Opn to tank. Pmp 75 bbl 10 ppg brine to kill well. TIH w/2-7/8" tbg (199 jts) Attempt to set RBP & RTTS. Could not set RBP. Circ 20 min Set RBP @ 6092.93' & RTTS 6056.83'. RU to swb. Flw on 16/64" ck. SDON. Csts: \$19,701.

5-15-80 Prep to swb perfs 4708-4712-4716-4724'. Flw perfs 6082-84-86' to pit ON w/no rec. FTP 0, SICP 500. Make 6 swb runs & rec 12 BF as follows: Continued on next page.

**DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

(See other instructions on reverse side)

Budget Bureau No. 42-R355.5.

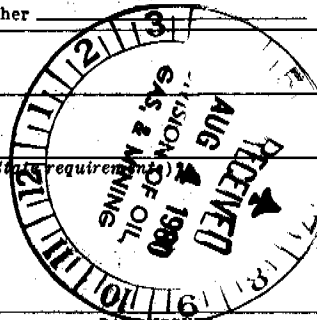
WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☒ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR
CIG Exploration, Inc.

3. ADDRESS OF OPERATOR
P. O. Box 749, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1021' FNL & 1048' FEL
At top prod. interval reported below SAME
At total depth SAME



14. PERMIT NO. 43-047-30255 DATE ISSUED 1-31-77

5. LEASE DESIGNATION AND SERIAL NO.
U-025187
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A
7. UNIT AGREEMENT NAME
Natural Buttes Unit
8. FARM OR LEASE NAME
Natural Buttes
9. WELL NO. CIGE 21-15-10-22
(Natural Buttes Unit #21)
10. FIELD AND POOL, OR WILDCAT
Natural Buttes Field
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 15-T10S-R22E
12. COUNTY OR PARISH
Uintah
13. STATE
Utah

15. DATE SPUDDED 4-9-77 16. DATE T.D. REACHED 11-9-77 17. DATE COMPL. (Ready to prod.) 7-10-80 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4850' Ungr. Gr. 19. ELEV. CASINGHEAD Unknown
20. TOTAL DEPTH, MD & TVD 8788' 21. PLUG, BACK T.D., MD & TVD 4510' PBDT 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY → 89'-TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4398'-4400' (Wasatch) 25. WAS DIRECTIONAL SURVEY MADE Yes
26. TYPE ELECTRIC AND OTHER LOGS RUN Production Logs 27. WAS WELL CORED Yes

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	61#	89'	18"	150 sacks	-----
9-5/8"	36#	2351'	12-1/4" & 8 1/2"	1250 sacks	-----
5-1/2"	20#	8788'	7-7/8"	4170 sacks	-----

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4257'	-----

31. PERFORATION RECORD (Interval, size and number) Perf with 3-3/8" casing gun with 1 JSPF at: 4398', 4400', 4548', 4554', 4560', 4566', 4572', 4584', 4700', 4704', 4708', 4716', 6078', 6080', 6082', for a total of 15 holes.
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
4398-6082' Acidized with 2250 gals 7 1/2% WFC-1.
4398-4584' Frac with 38,000 gals 40# gel + 70,000# 20/40 sand.

33.* PRODUCTION
DATE FIRST PRODUCTION 5/28/80 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) *TA
DATE OF TEST 7/2/80 HOURS TESTED 24 CHOKE SIZE 14/64" PROD'N. FOR TEST PERIOD → OIL—BBL. 0 GAS—MCF. 125 WATER—BBL. 34 GAS-OIL RATIO -----
FLOW. TUBING PRESS. 125 CASING PRESSURE 325 CALCULATED 24-HOUR RATE → OIL—BBL. 0 GAS—MCF. 125 WATER—BBL. 34 OIL GRAVITY-API (CORR.) -----

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented TEST WITNESSED BY K. E. Oden

35. LIST OF ATTACHMENTS
None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED F. R. Midkiff TITLE Production Superintendent DATE July 30, 1980

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
N/A			Wasatch	3796'	
			Mesaverde	6066'	
			Castlegate	8330'	
			Mantos	8738'	



Coastal Oil & Gas Corporation

2100 Prudential Plaza
Post Office Box 749
Denver, Colorado 80201
Phone (303) 572-1121

November 13, 1981

U. S. Geological Survey
Conservation Division, Central Region
Building 85, 8th Street
Federal Center MS 609
P. O. Box 25046
Denver, Colorado 80225

Attention: Don Jones, Manager
Unit Section

RE: Natural Buttes Unit No. 21
(CIGE #21-15-10-22)
Natural Buttes Unit Area
Uintah County, Utah

Gentlemen:

We have previously executed a Designation of Agent naming CIG Exploration, Inc. as the company responsible for the drilling of a well located in the NE/4 of Section 15-T10S-R22E, Uintah County, Utah, to be known as the NBU #21 (CIGE 21-15-10-22).

This Designation was made by this company as Unit Operator under the Natural Buttes Unit Agreement # 14-08-0001-8900, which Designation was accepted by your office on July 26, 1977.

We wish to terminate and withdraw this Designation of Agent effective immediately.

Very truly yours,

Carl J. Benvegna
C. J. Benvegna
Senior Vice President

BJN:kj

cc: U. S. Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104
Attention: Mr. E. W. Guynn



Coastal Oil & Gas Corporation

2100 Prudential Plaza
Post Office Box 749
Denver, Colorado 80201
Phone (303) 572-1121

November 9, 1981

RECEIVED
NOV 23 1981

Mr. E. W. Gynn
U. S. Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

**DIVISION OF
OIL, GAS & MINING**

Re: Natural Buttes Unit No. 21
(CIGE 21-15-10-21)
Section 15-T10S-R21E
Uintah County, Utah
Lease No. U-025187

Dear Mr. Gynn:

Enclosed is a letter withdrawing Coastal Oil & Gas Corporation's designation of agent to CIG Exploration, Inc. to operate the above well. Also enclosed, in triplicate, is a Sundry Notice relative to this change in operator. *on the well*

Thank you for your assistance in this matter.

Sincerely,

H. E. Aab
District Drilling Manager

Enclosure

XC: B. Gooden
B. Nelson
K. E. Oden
G. Tomlinson
State of Utah, Div. of Oil, Gas & Mining
File

pab/HEA/td

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☐ other Temporarily Abandoned
2. NAME OF OPERATOR
Coastal Oil & Gas Corporation
3. ADDRESS OF OPERATOR
P.O. Box 749, Denver, CO 80201
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1021' FNL/1048' FEL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

- | REQUEST FOR APPROVAL TO: | SUBSEQUENT REPORT OF: |
|---|--------------------------|
| TEST WATER SHUT-OFF <input type="checkbox"/> | <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | <input type="checkbox"/> |
| MULTIPLE COMPLETE <input type="checkbox"/> | <input type="checkbox"/> |
| CHANGE ZONES <input type="checkbox"/> | <input type="checkbox"/> |
| ABANDON* <input type="checkbox"/> | <input type="checkbox"/> |
| (other) <u>Change operator</u> | <u>X</u> |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- (1) Operator of well to be changed from CIG Exploration, Inc., to Coastal Oil & Gas Corporation, effective immediately (see attached withdrawal of designation of

RECEIVED
NOV 23 1981

**DIVISION OF
OIL, GAS & MINING**

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Marc D. Ernest TITLE Drilling Engineer DATE November 9, 1981
Marc D. Ernest

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas well ☐ other TEMPORARILY ABANDONED

2. NAME OF OPERATOR

CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR

P. O. BOX 749, DENVER, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1021' FNL & 1048' FEL

AT TOP PROD. INTERVAL: SAME

AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

☐
☐
☐
☐
☐
☐
☐
☐
☐

(other) PLUG BACK

X

5. LEASE

U-025187

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES UNIT

9. WELL NO. (NBU #21)

CIGE 21-15-10-22

10. FIELD OR WILDCAT NAME

BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

SECTION 15-T10S-R22E

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

14. API NO.

43-047-30255

15. ELEVATIONS (SHOW DF, KDB, AND WD)

4850' UnGr

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

THIS WELL HAS BEEN PLUGGED BACK TO THE TOP OF THE WASATCH FORMATION ON 8-6-81 AS PER ATTACHED CHRONOLOGICAL. THE OPERATOR WAS SUBSEQUENTLY CHANGED FROM CIG EXPLORATION INC TO COASTAL OIL & GAS CORPORATION AS PER SUNDRY NOTICE DATED NOVEMBER 9, 1981.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

W. J. GOODEN

TITLE PRODUCTION ENGINEER

DATE JANUARY 5, 1982

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

CIGE 21-15-10-22 (NBU)

Bitter Creek Field

Uintah County, Utah

TD: 8788'

AFE: 19355 WI: 100%

ATD: 8800' SD: 4-9-77

CIGE, Inc., Oper.

Anderson Drlg, Contr.

13-3/8" # 89'; 9-5/8" @ 2531';

5 1/2" @ 8788';

7-2-80

Flw to pit.

FTP 125, SICP 325, 14/64" choke, 125 MCFD, 34 BWDP.

7-3-80

Flw to pit.

FTP 125, SICP 325, 14/64" choke, 125 MCFD, 34 BWPD.

7-8-80

Flw to pit.

FTP 100, SICP 325, 14/64" choke, flw 100 MCFD, 22 BW.

8-7-81

Well TA.

Kill well & POH & LD 4257' 2-3/8" tbg; RU OWP & ran EZSV ret on WL & set in 5 1/2" csg @ 4350'; RD OWP; ND BOP & inst blind flange on well. Well TA 8-6-81; RD & rel Utah Well Service. Cum Csts: \$1920. Final Report.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☐ other TEMPORARILY ABANDONED
well well

2. NAME OF OPERATOR
CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR
P. O. BOX 749, DENVER, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1021' FNL & 1048' FEL
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) PLUG BACK	<input checked="" type="checkbox"/>	<input type="checkbox"/>

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

THIS WELL IS UNECONOMICAL IN THE WASATCH FORMATION. INTENT TO PLUG BACK TO TOP OF WASATCH FROMATION BY SETTING A RETAINER @ 4350'.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 1-12-82

BY: Original Signed by C. B. Felt

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED W. J. Gooden TITLE PRODUCTION ENGINEER DATE JANUARY 5, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 21, 1983

Coastal Oil & Gas Corporation
P. O. Box 749
Denver, Colorado 80201

Re: Well No. CIGE # 12-5-10-21
1159' FNL, 1550' FWL
NE NW, Sec. 5, T. 10S, R. 24E.
Uintah County, Utah

Well No. CIGE # 21-15-10-22
1021' FNL, 1048' FEL
NE NE, Sec. 15, T. 10S, R. 22E.
Uintah County, Utah

Gentlemen:

The above referred to wells have been currently under a temporarily abandoned status for six months or longer. Would you be kind enough to inform this office of a change in status, or let us know if they are still temporarily abandoned, submitted on a Sundry Notice (Form OGC-1B, enclosed).

If these wells have been completed as producing, shut-in, injection, gas storage or plugged and abandoned, please submit a Well Completion Form (OGC-3), stating the procedure of the completed operations.

Thank you for your prompt submittal to the above requested matter.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf
Enclosures



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 10, 1985

Coastal Oil & Gas Corporation
South Tower
600 Seventeenth Street, Suite 800
Denver, Colorado 80201-0749

Gentlemen:

Re: Well No. CIGE 21-15-10-22 - Sec. 15, T. 10S., R. 22E.
Uintah County, Utah - API #43-047-30255

The above referred to well has been under a temporarily abandoned status for six months or longer. Please inform this office of the current status on the enclosed Form OGC-1b, "Sundry Notices and Reports on Wells".

Thank you for your prompt attention to the above matter.

Sincerely,

A handwritten signature in cursive script, reading "Claudia L. Jones".


Claudia L. Jones
Well Records Specialist

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File
00175/13

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Temporarily Abandoned		5. LEASE DESIGNATION AND SERIAL NO. U-025187
2. NAME OF OPERATOR Coastal Oil & Gas Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, CO 80201		7. UNIT AGREEMENT NAME Natural Buttes Unit
4. LOCATION OF WELL (Report location clearly and in accordance with instructions on reverse side. See also space 17 below.) At surface 1021' FNL/1048' FEL		8. FARM OR LEASE NAME Natural Buttes Unit
<div style="text-align: center;">  DIVISION OF OIL GAS & MINING </div>		9. WELL NO. Natural Buttes Unit#21
		10. FIELD AND FOOT, OR WILDCAT Natural Buttes Field
11. SEC. T. B. M., OR B.L. AND SURVEY OR AREA Sec 15-T10S-R22E		12. COUNTY OR PARISH Uintah
13. STATE Utah		

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Well is plugged back to the top of the Wasatch formation and remains in temporarily abandoned status.

18. I hereby certify that the foregoing is true and correct

SIGNED


 W. J. Gooden

TITLE Production Engineer

DATE January 29, 1985

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 5, 1986

TO: Well File Memo
FROM: J.R. Baza *JRB*
RE: Well No. CIGE 21-15-10-22 (NBU No. 21), Sec.15, T.10S, R.22E,
Uintah County, Utah

This well is properly designated as temporarily abandoned. A Sundry Notice dated January 5, 1982, indicates that a cement retainer was set in the well isolating the perforated interval. The work was performed on August 7, 1981, and no further operations have taken place on the well. An additional Sundry Notice dated January 29, 1985, verifies the originally reported date of temporary abandonment.

sb
0265T-16

C14E21 Sec 15, T10S, R22E Chubly 12/7/88

N

emergency pit



well head



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLE COPY
(Other instructions on form side)

Form approved
Bureau Order No. 1004-0135
Effective August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		U-025187	
2. NAME OF OPERATOR CIG Exploration, Inc.		N/A	
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, CO 80201-0749		DIVISION OF Natural Buttes Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State or Federal Mining Act or other law.) 1021' FNL & 1043' FEL		C.I.G.E.	
5. PERMIT NO. 43-047-30255		6. WELL NO. 21-15-10-22	
7. ELEVATION (State whether in ft. or m.) 4350' UNGR GR		8. FIELD AND FOM, or VICINITY Natural Buttes Field	
9. COUNTY OR PARISH Utah		10. COUNTY OR PARISH UT	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

FORMER OPERATIONS TO:		SUBSEQUENT REPORTS TO:	
TEST WATER TEST-OUT	<input type="checkbox"/>	WATER TEST-OUT	<input type="checkbox"/>
FRACURE TREAT	<input type="checkbox"/>	FRACURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACQUIRE	<input type="checkbox"/>	SHOOTING OR ACQUISITION	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other)	<input type="checkbox"/>	(Note: Report number of fractures completed on Well Completion or Abandonment Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATION (Clearly state all pertinent details, and give pertinent data, including estimated date of starting any proposed work. If well is permanently drilled, give substantial location and measured and true vertical depths for all formations and screen portions in the well.)

See attached intended plug and abandon procedures for the above referenced well. We are planning to plug twenty-two wells between December 1, 1989 and February 15, 1990. Your expediency in processing these sundry notices would be appreciated.

OIL AND GAS	
DRN	RJF
JRB ✓	GLH
DTS	SLS
2. TDS	
3. MICROFILM ✓	
4. FILE	

18. I hereby certify that the foregoing is true and correct

SIGNED Brenda W. Swane TITLE Regulatory Analyst DATE 11-29-89

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action is required before commencing operations

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE 12-8-89 BY R. P. Day

*See instructions on Report Form

P&A PROCEDURE

NBU #21-15-10-22
NATURAL BUTTES
UINTAH COUNTY, UTAH

WELL DATA

Location: 1021' FNL & 1048' FEL, Sec. 15, T10S, R22E
Elevation: GL = 4850' KB = 4868'
TD: 8788' PBTD: 4350' (cmt retainer)
Casing: 9-5/8" 36#, CSA 2531', cmt w/1250 sx
5-1/2" 20#, CSA 8788', cmt w/3670 sx
Tubing: None

Casing Properties:

<u>Description</u>	<u>ID</u>	<u>Drift</u>	<u>Capacity</u>	<u>Burst</u>	<u>Collapse</u>
5-1/2" 20#	4.778	4.653	.0221		

Perforations: See attached perforation list.

PROCEDURE

- 1) RU wireline company. TIH w/dump bailer. Dump 35' of cement (+/-3 sx) on top of cmt retainer at 4350'.
- 2) Pressure test 5-1/2" casing to 500 psi.
- 3) TIH w/bridge plug on wireline. Set at 2500'. TIH w/dump bailer. Dump 35' of cement (+/-3 sx) on top of bridge plug.
- 4) ND wellhead. Cut off casing. Spot 20 sx CL "G" cement at surface.
- 5) Weld on cap. Erect dry hole marker showing company name, well name, location and lease number.

NBU #21
UINTAH COUNTY, UTAH

LIST OF PERFORATIONS

8509	4398
8510	4400
8511	4548
8512	4554
8513	4560
---- BP @ 7775'	4566
7741	4572
7742	4584
7743	4700
7744	4704
---- Ret @ 7588'	4708
7565	4716
7566	6078
7567	6080
7568	6082
---- BP @ 6440'	---- Cmt Ret @ 4868'

CIGÉ #21 (NBU #21)
UINTAH CO., UTAH

$9\frac{5}{8}$ " 36 # CSA 2531'
CMT W/ 1250 SX.

VASATCH
3796'

YESA
ERDE
5066'

TD 8788'

CMT RETAINER @ 4350'

PERFORATIONS: 4398'-6082' 15 HOLES

BRIDGE PLUG @ 6440'

PERFORATIONS: 7565'-7568' 4 HOLES

CMT RETAINER @ 7588'

PERFORATIONS: 7741'-7744' 4 HOLES

BRIDGE PLUG @ 7775'

PERFORATIONS: 8201'-8205' 5 HOLES

BRIDGE PLUG @ 8228'

PERFORATIONS: 8474'-8482' 5 HOLES

BRIDGE PLUG @ 8500'

PERFORATIONS: 8509'-8513' 5 HOLES

$5\frac{1}{2}$ " 20 # CSA 8788' CMT
W/ 3670 SXS
CMT TO SURFACE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

Form approved,
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-025187

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

Natural Buttes Unit

8. FARM OR LEASE NAME

CIGE

9. WELL NO.

21-15-10-22

10. FIELD AND POOL, OR WILDCAT

Natural Buttes Field

11. SEC. T. R. M. OR BLM, AND
SURVEY OR AREA

Section 15, T10S-R22E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different formation.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

CIG Exploration, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with BLM well identification.
See also space 17 below.)
At surface

1021' FNL & 1043' FEL

14. PERMIT NO.

43-047-30255

15. ELEVATIONS (Show whether or not completion of

4350' UNGRD OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Abandonment Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is discontinuously drilled, give completion measures and measure and true vertical depths for all markets and zones perti-
nent to this well.)*

See the attached chronological report for the plug and abandonment procedure
performed on the above-referenced well.

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-TAS	
2-	MICROFILM
3-	FILE

18. I hereby certify that the foregoing is true and correct

SIGNED

Timothy F. Sciba

TITLE Administrative Manager

DATE May 16, 1990

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 1

NBU #21 (P&A)
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH
WI: 100.000% CIGE AFE: 18089
TD: 8788' PBD: 4350'
CWC(M\$): \$10.0

- 4/11/90 RU OWP & mast truck. Tag existing CIBP @ 4348'. Dump bail 5 sx Class "G" on top of BP. TIH w/CIBP. Set @ 2351'. Dump bail 5 sx Class "G" on top. Fill hole w/wtr. SDFN.
DC: \$4,150 TC: \$4,150
- 4/12/90 RU Western Company. Test 13-3/8" csg to 500 psi. Held OK. Tst 9-5/8" csg to 500 psi. Held OK. Cut off head. Spot 5 sx Class "G" cmt in 9-5/8" x 5-1/2" annulus. Got 40' of fill. Spot 5 sx Class "G" cmt in 9-5/8" x 5-1/2" annulus. Filled to 15'. SDFN. Final report.
DC: \$3,670 TC: \$7,820

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749

Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1021' FNL & 1048' FEL

Section 15, T10S-R22E

U-025187

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

CIGE #21-15-10-22

9. API Well No.

43-047-30255

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☐ Subsequent Report

☒ Final Abandonment Notice

TYPE OF ACTION

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above referenced location has been reclaimed and seeded per BLM specifications and is now ready for final inspection.

14. I hereby certify that the foregoing is true and correct

Signed

Title

Regulatory Analyst

Date

4/8/92

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

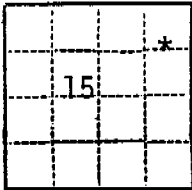
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

API # 43-047-30255

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION

Sec. 15
T. 10S
R. 22E
SL Mer.



INDIVIDUAL WELL RECORD

PUBLIC LAND:

Date August 27, 1980

Ref. No. 22

Land office Utah State Utah
Serial No. U-025187 County Uintah
Lessee Skyline Oil Co. 50%
Belco Petroleum Co. 50% Field Bitter Creek (Natural Buttes Unit)
Operator CIG Exploration, Inc. District Salt Lake City
Well No. 21 (21-15-10S-22E) Subdivision NE NE
Location 1021' FNL & 1048' FEL

Drilling approved Feb. 26, 1977 Well elevation 4850' UNGR. GR. feet
Drilling commenced April 9, 1977 Total depth 8788' PB 4510 feet
Drilling ceased Nov. 9, 1977 Initial production 125 MCEGPD, 34 BWPD
Completed for production July 2, 1980 Gravity A. P. I. NA
Abandonment approved April 23, 1993 Initial R. P. FTP-125#, CP-325#

Geologic Formations		Productive Horizons		
Surface	Lowest tested	Name	Depths	Contents
Uinta	Mesa Verde	Wasatch	4398-4410 (Selective)	Gas, Water

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1977				spud							TD 8788	
1979	TA*											
1980							GSI					
1981								TA				
1990		NIA				SRA						
1993				FAN								

REMARKS
* Mesa Verde tested and found uneconomical potential recompletion in Wasatch
casing record: 13 3/8" cc @ 89' w/150 sxs.
9 5/8" cc @ 2351' w/1250 sxs.
5 1/2" cc @ 8788' w/4170 sxs.

JAN. 17. 2003 3:34PM

WESTPORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior
Bureau of Land Management
2850 Youngfield Street
Lakewood, CO 80215-7093
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203
BLM Nationwide Bond 158626364
Surety - Continental Casualty Company
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,
Westport Oil and Gas Company, L.P.

Debby J. Black
Engineer Technician

Encl;



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas
410 Seventeenth Street, #2300 :
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

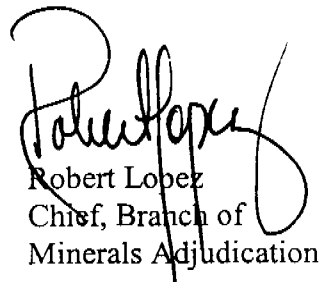
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405
UTU-20895
UTU-25566
UTU-43156
UTU-49518
UTU-49519
UTU-49522
UTU-49523



Robert Lopez
Chief, Branch of
Minerals Adjudication

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

memorandum

Branch of Real Estate Services
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

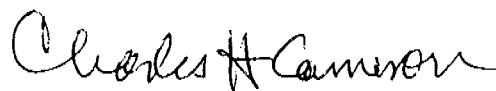
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES
Ute Energy & Mineral Resources Department: Executive Director
chronos





United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:
Real Estate Services

Carroll A. Wilson
Principal Landman
Westport Oil and Gas Company, L.P.
1368 South 1200 East
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

ACTING

Enclosure



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.
Attn: Gary D. Williamson
1670 Broadway, Suite 2800
Denver, Colorado 80202

Re: Natural Buttes Unit
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
Minerals Adjudication Group
File - Natural Buttes Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron
UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL:

OIL WELL ☐

GAS WELL ☐

OTHER ☐

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:

9 Greenway Plaza

Houston

TX

77064-0995

PHONE NUMBER:

(832) 676-5933

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # _____

State Surety Bond No. RLB0005236
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By: _____

Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.

NAME (PLEASE PRINT) David R. Dix

TITLE Agent and Attorney-in-Fact

SIGNATURE _____

DATE

12/17/02

(This space for State use only)

Form 3160-5
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side**1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐
- Notice of Intent
-
- ☐
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- ☐
- Acidize
- ☐
- Deepen
- ☐
- Production (Start/Resume)
- ☐
- Water Shut-Off
-
- ☐
- Alter Casing
- ☐
- Fracture Treat
- ☐
- Reclamation
- ☐
- Well Integrity
-
- ☐
- Casing Repair
- ☐
- New Construction
- ☐
- Recomplete
- ☒
- Other
-
- ☐
- Change Plans
- ☐
- Plug and Abandon
- ☐
- Temporarily Abandon
-
- ☐
- Convert to Injection
- ☐
- Plug Back
- ☐
- Water Disposal

SUCCESSOR OF
OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zc. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed if testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW✓

3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02****FROM: (Old Operator):**

EL PASO PRODUCTION OIL & GAS COMPANY

Address: 9 GREENWAY PLAZA

HOUSTON, TX 77064-0995

Phone: 1-(832)-676-5933

Account No. N1845

TO: (New Operator):

WESTPORT OIL & GAS COMPANY LP

Address: P O BOX 1148

VERNAL, UT 84078

Phone: 1-(435)-781-7023

Account No. N2115

CA No.

Unit: NATURAL BUTTES

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 350	14-10S-22E	43-047-33642	2900	STATE	GW	P
NBU 461	14-10S-22E	43-047-34823	99999	STATE	GW	APD
CIGE 295	14-10S-22E	43-047-34820	99999	STATE	GW	APD
NBU 213	15-10S-22E	43-047-32401	2900	FEDERAL	GW	S
CIGE 21-15-10-22	15-10S-22E	43-047-30255	2900	FEDERAL	GW	PA
NBU 30	16-10S-22E	43-047-30306	2900	STATE	GW	PA
NBU 386	17-10S-22E	43-047-34238	99999	FEDERAL	GW	APD
NBU 471	17-10S-22E	43-047-34834	99999	FEDERAL	GW	APD
NBU 22	18-10S-22E	43-047-30256	2900	STATE	GW	PA
NBU 385	18-10S-22E	43-047-34228	99999	STATE	GW	APD
CIGE 263	19-10S-22E	43-047-34226	99999	STATE	GW	APD
CIGE 264	19-10S-22E	43-047-34227	99999	STATE	GW	APD
NBU CIGE 65-19-10-22	19-10S-22E	43-047-30554	2900	STATE	GW	PA
NBU 17	19-10S-22E	43-047-30214	2900	FEDERAL	GW	PA
NBU 16-20-10-22	20-10S-22E	43-047-30483	2900	FEDERAL	GW	PA
NBU 32A-20-9-20	20-10S-22E	43-047-30496	2900	FEDERAL	GW	PA
NBU 383	21-10S-22E	43-047-34236	99999	FEDERAL	GW	APD
NBU 382	22-10S-22E	43-047-34235	99999	FEDERAL	GW	APD
NBU 58-23B	23-10S-22E	43-047-30463	2900	FEDERAL	GW	P
NBU 381	23-10S-22E	43-047-34234	2900	FEDERAL	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted on: _____

6. (R649-9-2) Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 03/24/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/24/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: RLB 0005236

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 158626364

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: RLB 0005239

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
 2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/6/2006

FROM: (Old Operator): N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	TO: (New Operator): N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024
---	--

CA No.		Unit:		NATURAL BUTTES UNIT		
WELL NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on:
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- c. Reports current for Production/Disposition & Sundries on: ok

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet

7. **Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006

8. **Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on:
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
 The Division sent response by letter on:

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203
BIA BOND = RLB0005239

APPROVED 5/16/06

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Signature

Title

DRILLING MANAGER

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (Include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
MAY 10 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Colorado State Office
2850 Youngfield Street
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)
3106
COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P.	:	
1999 Broadway, Suite 3700	:	Oil & Gas
Denver, CO 80202	:	

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell
Martha L. Maxwell
Land Law Examiner
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-922)

March 27, 2006

Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of
Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare
Dave Mascarenas
Susan Bauman

RECEIVED

MAR 28 2006

U.S. DEPT. OF THE INTERIOR